

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT							
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD 1-36-6-19							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164							
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-50801			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		725 FNL 690 FEL		NENE		36		6.0 S		19.0 E		S	
Top of Uppermost Producing Zone		725 FNL 690 FEL		NENE		36		6.0 S		19.0 E		S	
At Total Depth		725 FNL 690 FEL		NENE		36		6.0 S		19.0 E		S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 690			23. NUMBER OF ACRES IN DRILLING UNIT 40							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 474			26. PROPOSED DEPTH MD: 11824 TVD: 11824							
27. ELEVATION - GROUND LEVEL 5037			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2336							
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
COND	26	20	0 - 80	65.0	Unknown	8.8	Unknown		0	0.0	0.0		
SURF	14.75	10.75	0 - 3500	45.5	J-55 Buttress	8.8	Halliburton Light , Type Unknown		940	3.16	11.0		
							Halliburton Premium , Type Unknown		360	1.36	14.8		
PROD	8.75	5.5	0 - 11824	17.0	P-110 LT&C	11.0	Unknown		710	2.31	11.0		
							Unknown		1220	1.42	13.5		
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Venessa Langmacher				TITLE Senior Permit Analyst				PHONE 303 312-8172					
SIGNATURE				DATE 11/07/2011				EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43047521640000				APPROVAL Permit Manager									

BILL BARRETT CORPORATION
DRILLING PLAN

FD State #1-36-6-19

NE NE, 725' FNL and 690' FEL, Sec. 36, T6S – R19E, SLB&M
 Uintah County, UT

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD/TVD</u>
Green River*	4,894'
Mahogany	5,784'
Lower Green River*	7,154'
Douglas Creek	7,234'
Black Shale Facies*	7,784'
Castle Peak	7,934'
Wasatch*	8,824'
TD	11,824'

*PROSPECTIVE PAY

The Wasatch and the Green River are primary objectives for oil/gas.

Base of Useable Water = 2,650'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 80'	No pressure control required
80'- 3500'	13-5/8" diverter plumbed through the rigs manifold
3,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH (FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
26"	Surface	80'	16"	65#			
14- 3/4"	Surface	3,500'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 8-3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 29.70# P-110 LT&C to a depth of 8,824' (Wasatch Top), then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 3,200' liner (200' liner lap).							

Bill Barrett Corporation
Drilling Program
FD #1-36-6-19
Uintah County, Utah

5. Cementing Program

<u>Casing</u>	<u>Cement</u>
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	Lead with approximately 940 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Tail with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx). Calculated hole volume with 75% excess.
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 8-3/4" at T/ Wasatch FM if minimal hole problems.	Lead with approximately 710 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). Tail with approximately 1220 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC 200' above surface casing shoe.
<p>NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 900 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned TOC 200' above surface casing shoe. We will perform a FIT to 11.5 ppg after drilling 20' of new hole.</p> <p>The 5-1/2" liner would be cemented with 200 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.</p>	

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,500' – TD	8.6 – 11.0	42-52	20 cc or less	DAP Polymer Fluid System
<p>Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.</p>				

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.
<p>NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.</p>	

Bill Barrett Corporation
Drilling Program
FD #1-36-6-19
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6763 psi* and maximum anticipated surface pressure equals approximately 4162 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TVD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S, R20E.

11. Drilling Schedule

Location Construction:	December 1, 2011
Spud:	December 1, 2011
Duration:	15 days drilling time
	45 days completion time

T6S, R19E, S.L.B.&M.

BILL BARRETT CORPORATION

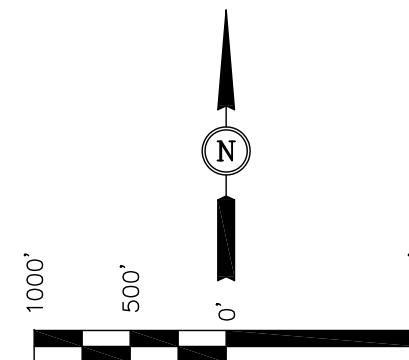
Well location, FD STATE #1-36-6-19, located as shown in the NE 1/4 NE 1/4 of Section 36, T6S, R19E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 161319
STATE OF UTAH
08-24-11

REVISED: 08-24-11

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-20-11	DATE DRAWN: 08-09-11
PARTY C.R. A.W. Z.L.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE BILL BARRETT CORPORATION	

FD STATE #1-36-6-19
Elev. Ungraded Ground = 5037'

36

T6S
T7S

LEGEND:

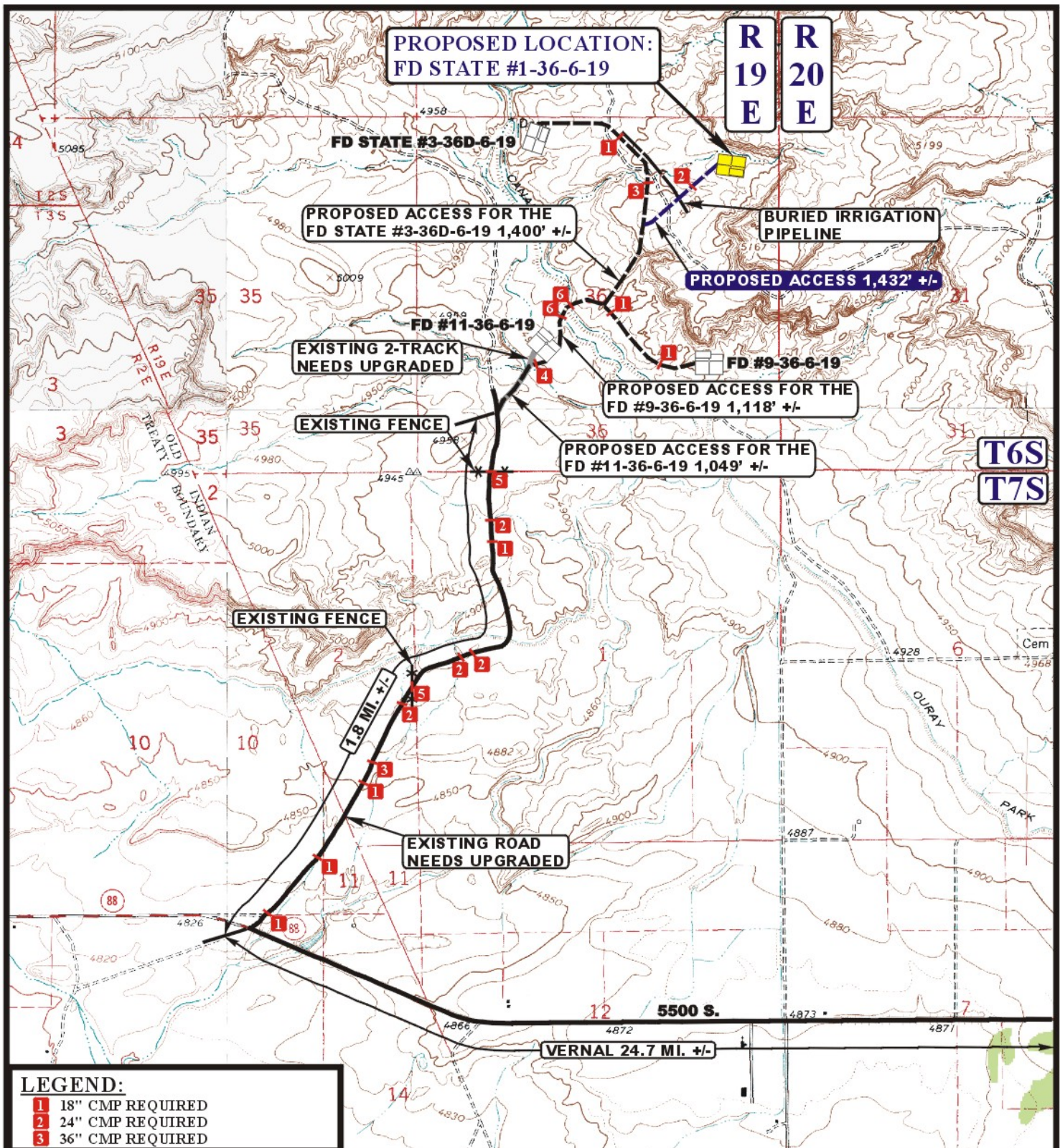
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°15'35.62" (40.259894)
LONGITUDE =	109°43'27.76" (109.724378)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°15'35.76" (40.259933)
LONGITUDE =	109°43'25.25" (109.723681)

API Well Number: 43047521640000

RECEIVED: November 07, 2011

A
TOPO



LEGEND:

- EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING FENCE
60" CMP REQUIRED
INSTALL CATTLE GUARD
BOX CULVERT REQUIRED

BILL BARRETT CORPORATION

FD STATE #1-36-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
725' FNL 690' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



ACCESS ROAD
MAP

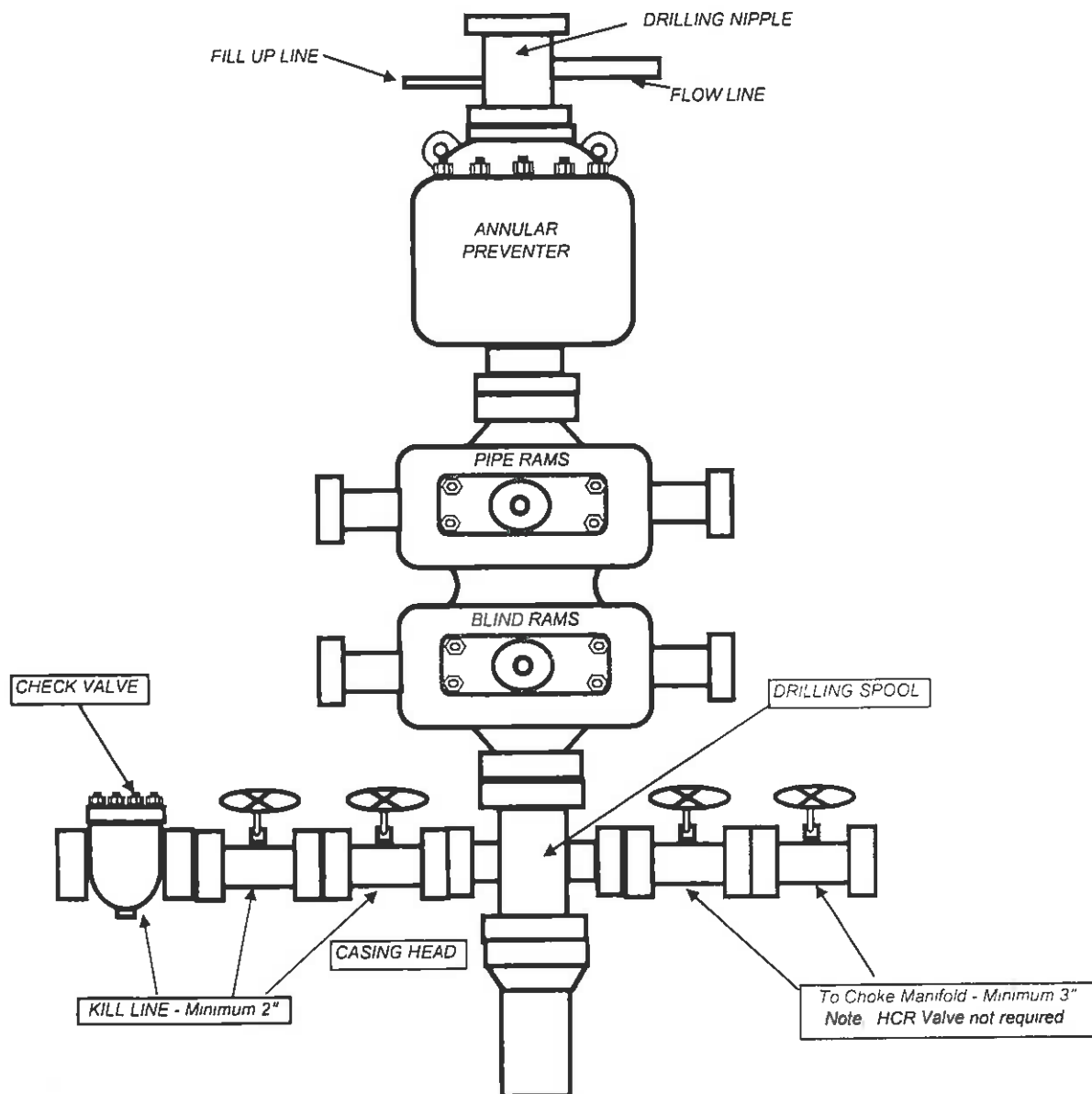
08 07 11
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 08-25-11

B
TOPO

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER





November 7, 2011

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah

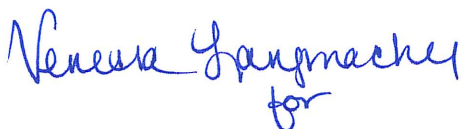
RE: Commingling Application
Fort Duchesne
FD 1-36-6-19
NENE, Section 36, T6S R19E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchesne area. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION



Thomas J. Abell
Landman

Enclosures



AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an Application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Field:

FD 1-36-6-19 Well NENE 36 T6S-R19E

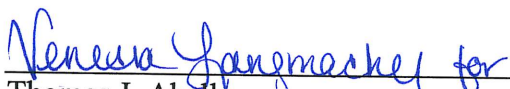
In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessors

Utah Trust Lands

Date: November 7, 2011

Affiant



Thomas J. Abell
Landman



November 7, 2011

Utah Trust Lands
675 East 500 South, Suite 500
Salt Lake City, Utah 84102

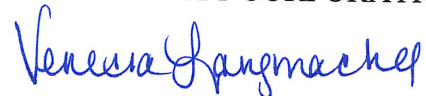
RE: Commingling Application
FD 1-36-6-19
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

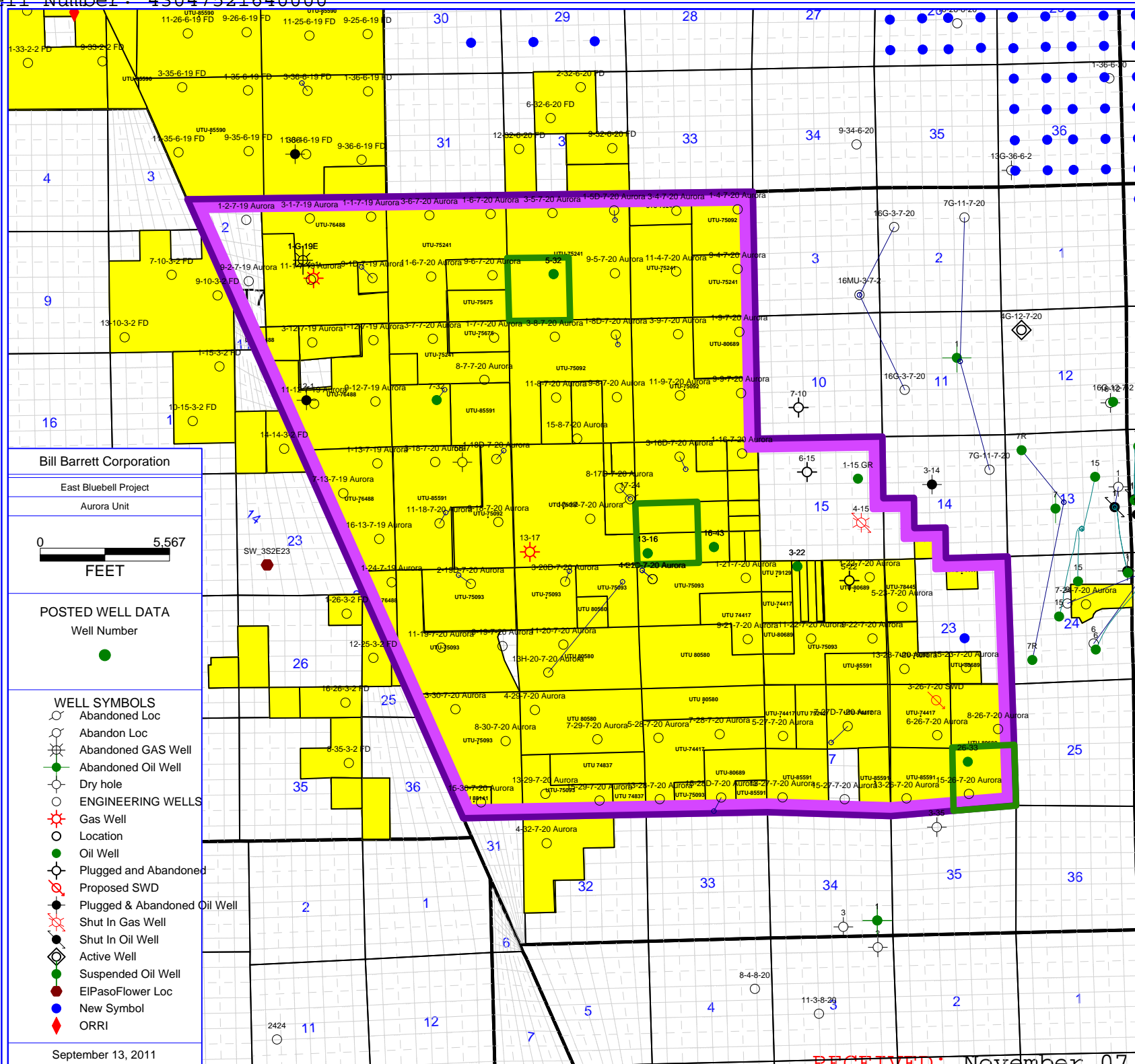
Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION



Thomas J. Abell *fer*
Landman

Enclosures

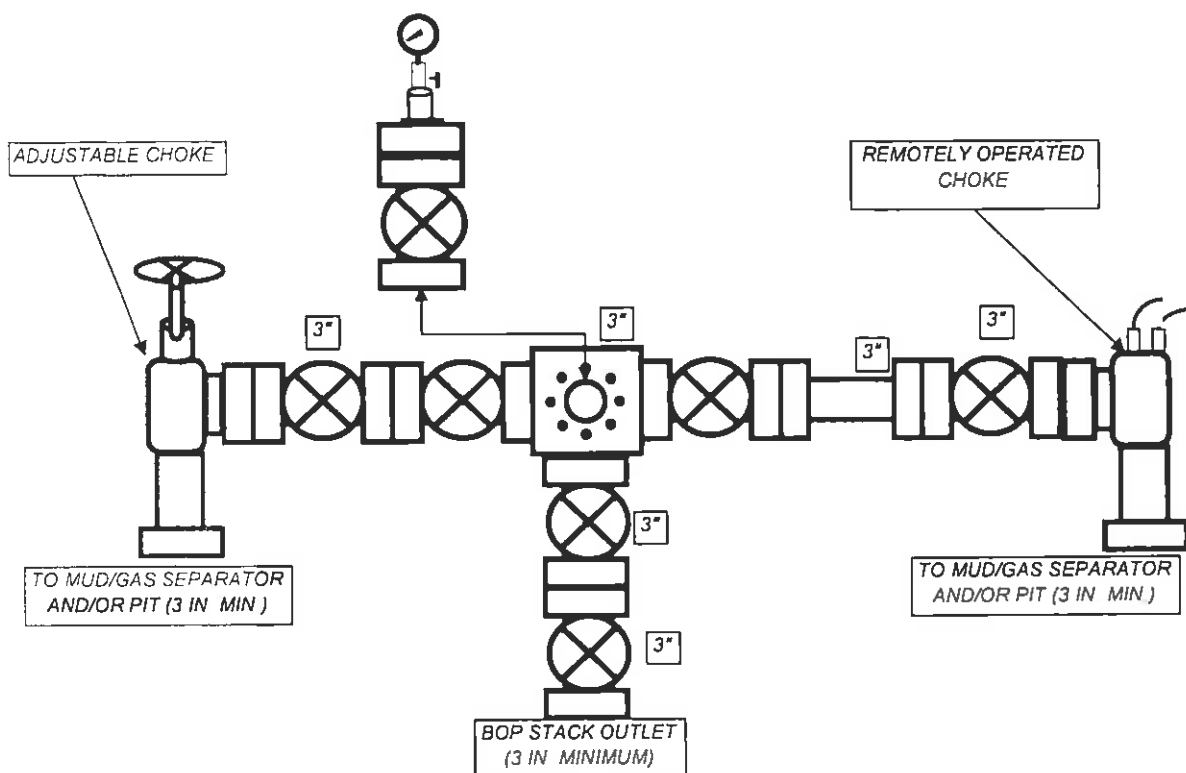


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2011

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



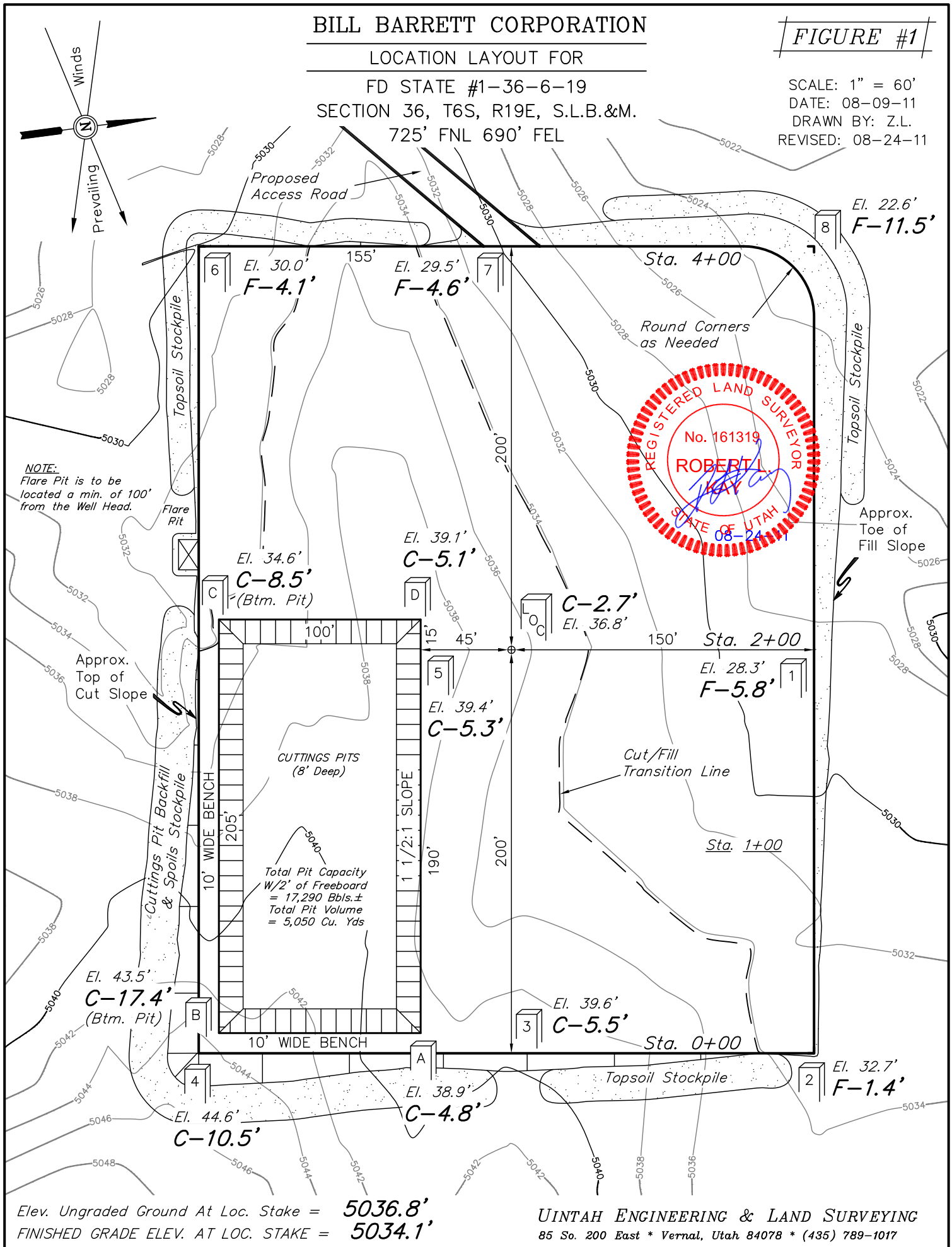
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD STATE #1-36-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
725' FNL 690' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 08-09-11
DRAWN BY: Z.L.
REVISED: 08-24-11



BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

FD STATE #1-36-6-19

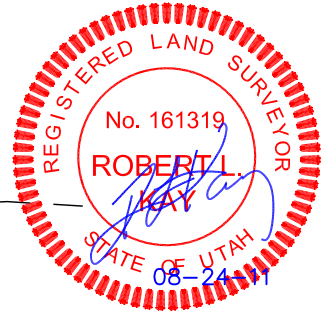
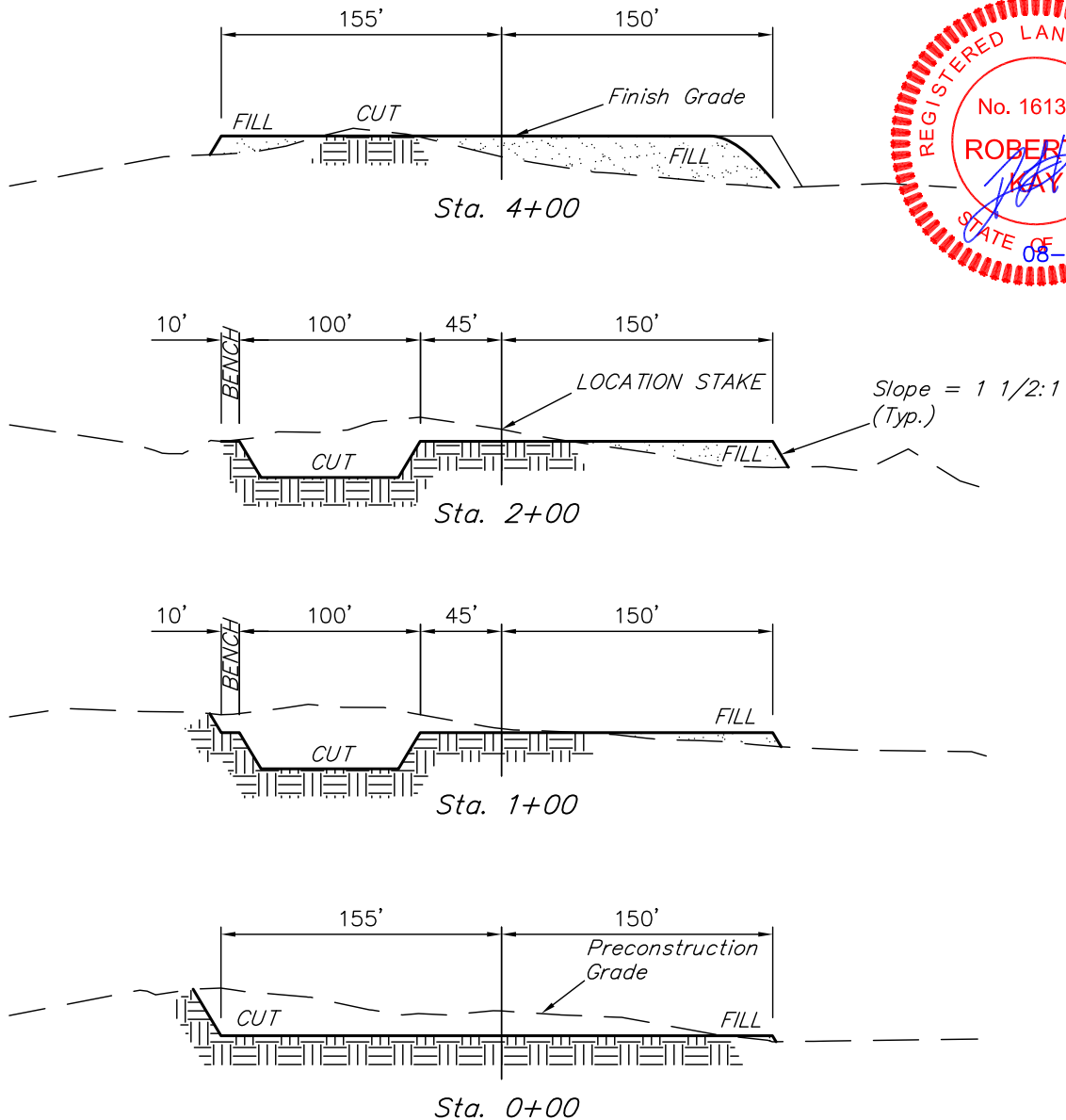
SECTION 36, T6S, R19E, S.L.B.&M.

725' FNL 690' FEL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 08-09-11
DRAWN BY: Z.L.
REVISED: 08-24-11



NOTE:

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.413 ACRES
ACCESS ROAD DISTURBANCE = ± 0.986 ACRES
TOTAL = ± 4.399 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

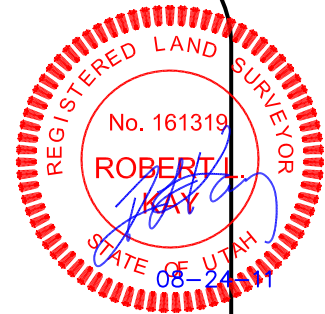
(6") Topsoil Stripping = 2,560 Cu. Yds.
Remaining Location = 12,300 Cu. Yds.
TOTAL CUT = 14,860 CU.YDS.
FILL = 9,770 CU.YDS.

EXCESS MATERIAL = 5,090 Cu. Yds.
Topsoil & Pit Backfill = 5,090 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

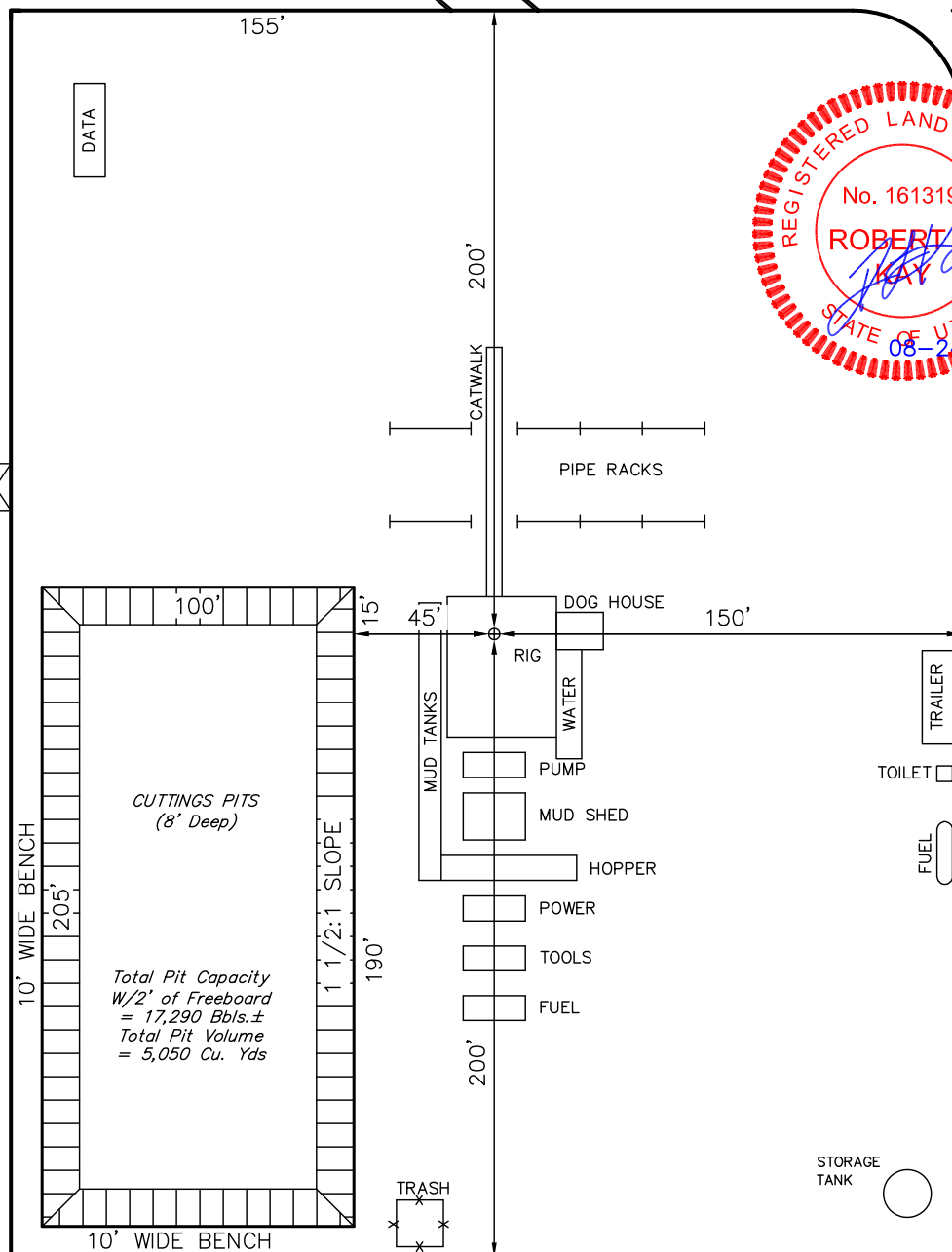
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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

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FIGURE #3

Proposed
Access Road

NOTE:
Flare Pit is to be
located a min. of 100'
from the Well Head. Flare
Pit



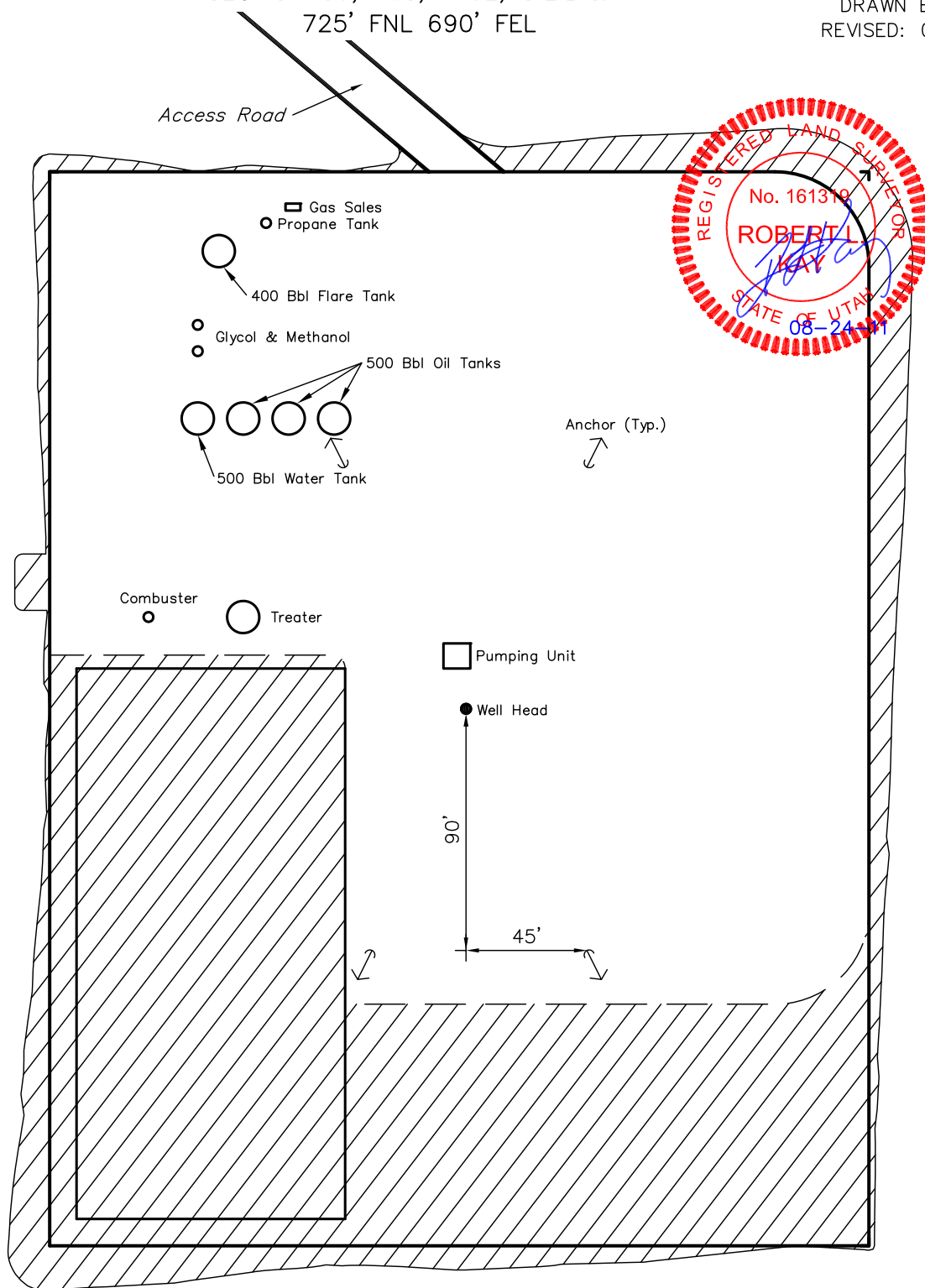
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BILL BARRETT CORPORATION**PRODUCTION FACILITY LAYOUT FOR**

FD STATE #1-36-6-19
 SECTION 36, T6S, R19E, S.L.B.&M.
 725' FNL 690' FEL

FIGURE #4

SCALE: 1" = 60'
 DATE: 08-09-11
 DRAWN BY: Z.L.
 REVISED: 08-24-11

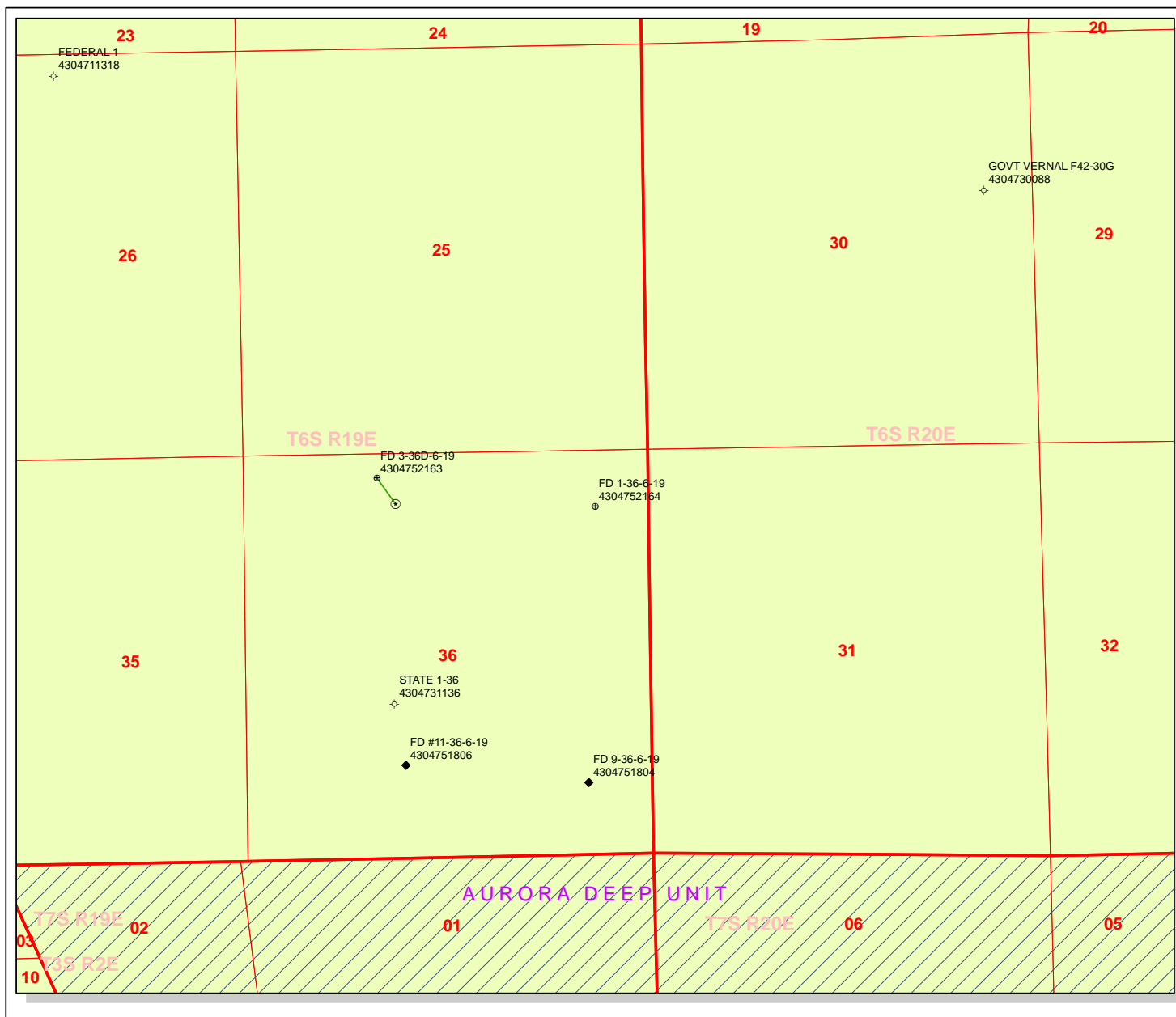


APPROXIMATE ACREAGES
 UN-RECLAIMED = ± 1.830 ACRES



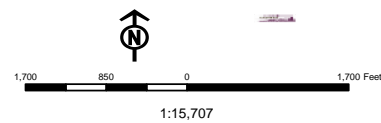
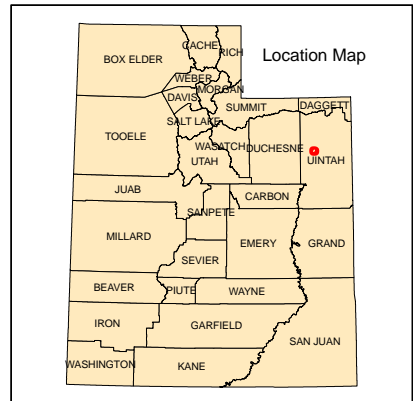
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 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: November 07, 2011



API Number: 4304752164
Well Name: FD 1-36-6-19
Township T0.6 . Range R1.9 . Section 36
Meridian: SLBM
Operator: BILL BARRETT CORP
 Map Prepared:
 Map Produced by Diana Mason

- | | | | |
|---------------|------------------------------------|------------------------------------|------------------------------------|
| Units | STATUS | Wells Query | Status |
| ACTIVE | APD - Approved Permit | APD - Approved Permit | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) | DRL - Spudded (Drilling Commenced) | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection | GIW - Gas Injection | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage | GS - Gas Storage | GS - Gas Storage |
| NF SECONDARY | LA - Location Abandoned | LA - Location Abandoned | LA - Location Abandoned |
| PI OIL | LOC - New Location | LOC - New Location | LOC - New Location |
| PP GAS | OPS - Operation Suspended | OPS - Operation Suspended | OPS - Operation Suspended |
| PP GEOTHERM | PA - Plugged Abandoned | PA - Plugged Abandoned | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well | PGW - Producing Gas Well | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well | POW - Producing Oil Well | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD | RET - Returned APD | RET - Returned APD |
| Fields | STATUS | Wells Query | Status |
| Unknown | SGW - Shut-in Gas Well | SGW - Shut-in Gas Well | SGW - Shut-in Gas Well |
| ABANDONED | SOW - Shut-in Oil Well | SOW - Shut-in Oil Well | SOW - Shut-in Oil Well |
| ACTIVE | TA - Temp. Abandoned | TA - Temp. Abandoned | TA - Temp. Abandoned |
| COMBINED | TW - Test Well | TW - Test Well | TW - Test Well |
| INACTIVE | WDW - Water Disposal | WDW - Water Disposal | WDW - Water Disposal |
| STORAGE | WW - Water Injection Well | WW - Water Injection Well | WW - Water Injection Well |
| TERMINATED | WSW - Water Supply Well | WSW - Water Supply Well | WSW - Water Supply Well |



From: Jim Davis
To: APD APPROVAL; tfallang@billbarrettcorp.com
Date: 12/20/2011 9:52 AM
Subject: APD approvals (2 for Barrett)

The following wells have been approved by SITLA including arch and paleo clearance.

4304752163 FD 3-36D-6-19
4304752164 FD 1-36-6-19

Thanks.
-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

BOPE REVIEW BILL BARRETT CORP FD 1-36-6-19 43047521640000

Well Name	BILL BARRETT CORP FD 1-36-6-19 43047521640000			
String	Cond	Surf	Prod	
Casing Size(")	20.000	10.750	5.500	
Setting Depth (TVD)	80	3500	11824	
Previous Shoe Setting Depth (TVD)	0	80	3500	
Max Mud Weight (ppg)	8.8	8.8	11.0	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3580	10640	
Operators Max Anticipated Pressure (psi)	6763		11.0	

Calculations	Cond String	20.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	37		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO	
Required Casing/BOPE Test Pressure=		80	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

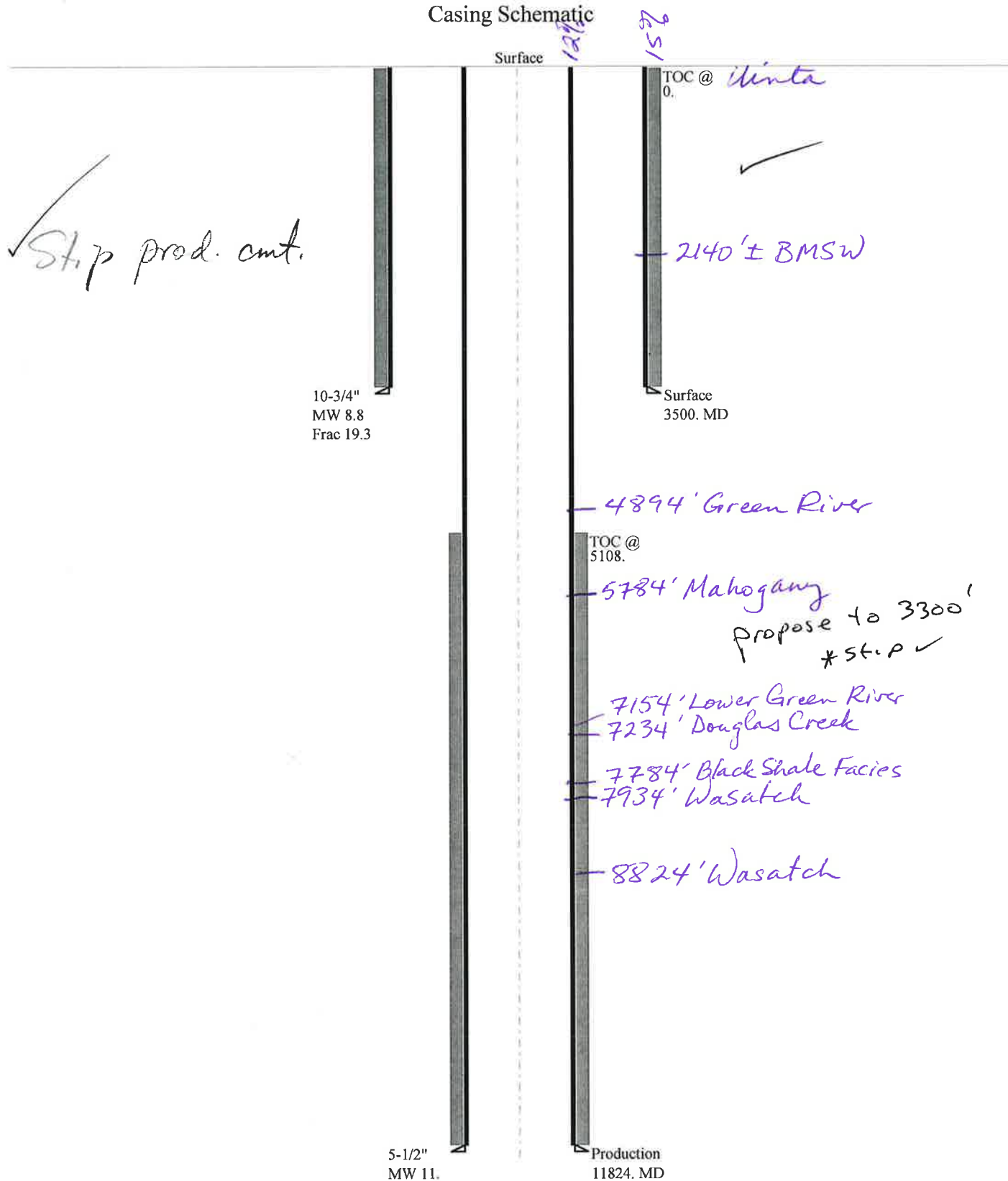
Calculations	Surf String	10.750	"	
Max BHP (psi)	.052*Setting Depth*MW=	1602		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1182	NO	diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	832	NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	850	NO	Reasonable, no expected pressure
Required Casing/BOPE Test Pressure=		2506	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient	

Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	6763		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5344	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4162	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4932	NO	OK
Required Casing/BOPE Test Pressure=		5000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		3500	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

43047521640000 FD 1-36 -6-19

Casing Schematic



Well name:	43047521640000 FD 1-36-6-19		
Operator:	BILL BARRETT CORP		
String type:	Surface		Project ID: 43-047-52164
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,730 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 3,042 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 11,824 ft
Next mud weight: 11.000 ppg
Next setting BHP: 6,757 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3500	10.75	45.50	J-55	Buttress	3500	3500	9.825	36935
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1600	2090	1.306	3500	3580	1.02	159.2	715.3	4.49 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047521640000 FD 1-36-6-19		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-52164
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 11.000 ppg
Internal fluid density: 1.000 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 240 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 5,108 ft

Burst

Max anticipated surface pressure: 4,155 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,757 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 9,852 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	11824	5.5	17.00	P-110	LT&C	11824	11824	4.767	77882
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6142	7480	1.218	6757	10640	1.57	201	445	2.21 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 19, 2012
Salt Lake City, Utah

Remarks:

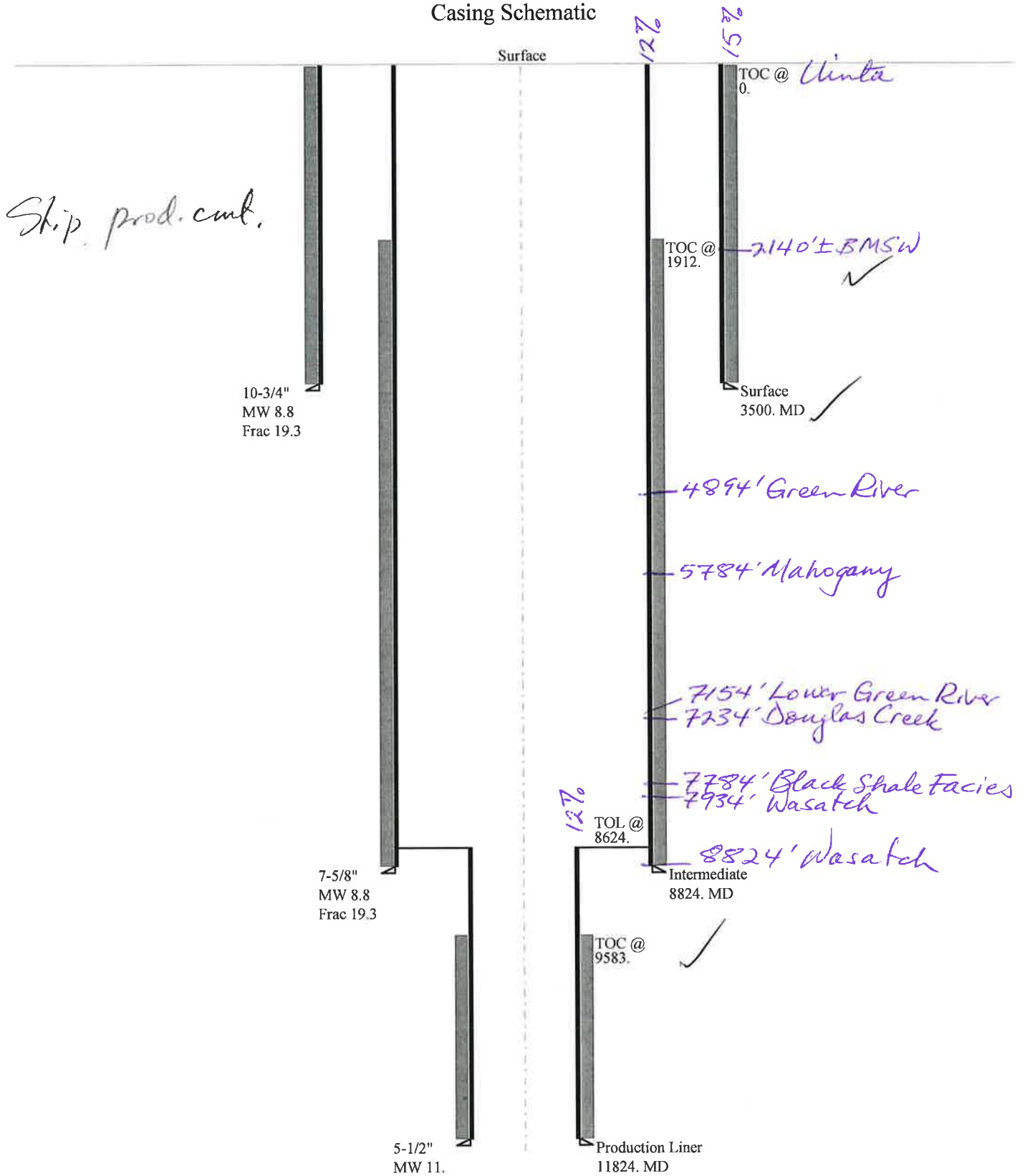
Collapse is based on a vertical depth of 11824 ft, a mud weight of 11 ppg. An internal gradient of .052 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

43047521640000 FD 1-36' -6-19cont

Casing Schematic



Well name:	43047521640000 FD 1-36-6-19cont		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-52164
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,730 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 3,042 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,824 ft
Next mud weight: 11.000 ppg
Next setting BHP: 5,042 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3500	10.75	45.50	J-55	Buttress	3500	3500	9.825	36935
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1600	2090	1.306	3500	3580	1.02	159.2	715.3	4.49 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047521640000 FD 1-36-6-19cont		
Operator:	BILL BARRETT CORP		
String type:	Intermediate	Project ID:	43-047-52164
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 198 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,912 ft

Burst

Max anticipated surface pressure: 4,155 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,097 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,664 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 11,824 ft
Next mud weight: 11.000 ppg
Next setting BHP: 6,757 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,824 ft
Injection pressure: 8,824 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8824	7.625	29.70	P-110	LT&C	8824	8824	6.75	102558

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4034	5350	1.326	6097	9470	1.55	262.1	769	2.93 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 19, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8824 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name: **43047521640000 FD 1-36-6-19cont**
 Operator: **BILL BARRETT CORP**
 String type: **Production Liner**
 Location: **UINTAH COUNTY**

Project ID:
 43-047-52164

Design parameters:**Collapse**

Mud weight: 11.000 ppg
 Internal fluid density: 1.000 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 240 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 9,583 ft

Burst

Max anticipated surface pressure: 4,155 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,757 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 11,320 ft

Liner top: 8,824 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3024	5.5	17.00	P-110	LT&C	11824	11824	4.767	19918
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6142	7480	1.218	6757	10640	1.57	51.4	445	8.66 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: January 19, 2012
 Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 11824 ft, a mud weight of 11 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 1-36-6-19
API Number 43047521640000 **APD No** 4898 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENE **Sec** 36 **Tw** 6.0S **Rng** 19.0E 725 FNL 690 FEL
GPS Coord (UTM) 608522 4457146 **Surface Owner**

Participants

Cody Rich (UELS), Don Hamilton (Starpoint), Matt Wold (BBC), Chris Jensen (DOGM), Ben Williams and Alex Hansen (DWR), Jim Davis (SITLA), Jeff White (BBC)

Regional/Local Setting & Topography

This well location sits approximately 1 mile west of Brough Reservoir and 2 miles west of Hwy 88 at a point about midway between Pelican Lake and Hwy 40. The area is comprised of broken scattered hills with exposed rock ledges and dry washes. The location is surrounded by rock ledges on the north east and south in a sort of amphitheater. From the location the drainage is to the west toward the Ouray Park irrigation canal approximately .5 mile to the west.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.27	Width 305 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sage, spiny hopsage, Indian rice grass, horse brush, shadscale

Pronghorn, prairie dogs, rabbit, coyote

Soil Type and Characteristics

Sandy clay loam, some exosed rock on surface

Erosion Issues Y

corner 8 rounded to avoid wash

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

drainage diversion must be built around the north side of the location

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score	25	1 Sensitivity Level

Characteristics / Requirements

The reserve pit is 205ft by 100ft by 8ft deep. It is placed in a cut stable location. Bill Barrett typically uses a 20 mil liner and this will be adequate for this site.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

12/8/2011
Date / Time

Application for Permit to Drill Statement of Basis

2/27/2012

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4898	43047521640000	LOCKED	OW	S	No
Operator	BILL BARRETT CORP		Surface Owner-APD		
Well Name	FD 1-36-6-19		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NENE 36 6S 19E S 725 FNL (UTM) 608475E 4457386N		690 FEL GPS Coord		

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 3,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,140'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect useable sources of underground water.

 Brad Hill
APD Evaluator

 12/19/2011
Date / Time
Surface Statement of Basis

This location is on state land with state minerals. Jim Davis of SITLA attended this onsite and was part of the discussion concerning drainage diversion. There is a small drainage wash which runs through this location and will require a diversion ditch around the north east corner of the location. Jeff Wold of BBC agreed to this and understood it would be permit stipulation. Mr. Davis expressed no other concerns. Ben Williams stated that this land is not important habitat for Pronghorn but that they are sometimes present. Mr. Williams stated that he had no concerns with drilling at this site. Jeff Wold stated that a 20 mil liner and felt sub liner would be used and this appears to be adequate for this site. This appears to be a good location for placement of this well.

 Richard Powell
Onsite Evaluator

 12/8/2011
Date / Time
Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/7/2011

API NO. ASSIGNED: 43047521640000

WELL NAME: FD 1-36-6-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NENE 36 060S 190E

Permit Tech Review: ☒

SURFACE: 0725 FNL 0690 FEL

Engineering Review: ☒

BOTTOM: 0725 FNL 0690 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.25991

LONGITUDE: -109.72437

UTM SURF EASTINGS: 608475.00

NORTHINGS: 4457386.00

FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML-50801

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - LPM4138148☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 49-2336☒ RDCC Review: 2012-02-09 00:00:00.0☐ Fee Surface Agreement☒ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-2

Effective Date:

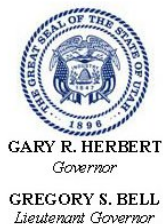
Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
21 - RDCC - dmason
23 - Spacing - dmason

RECEIVED: February 16, 2012



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 1-36-6-19

API Well Number: 43047521640000

Lease Number: ML-50801

Surface Owner: STATE

Approval Date: 2/27/2012

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingle:

Administrative approval for commingling the production from the Green River formation and the Wasatch formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled,

completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 3300' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 1-36-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047521640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

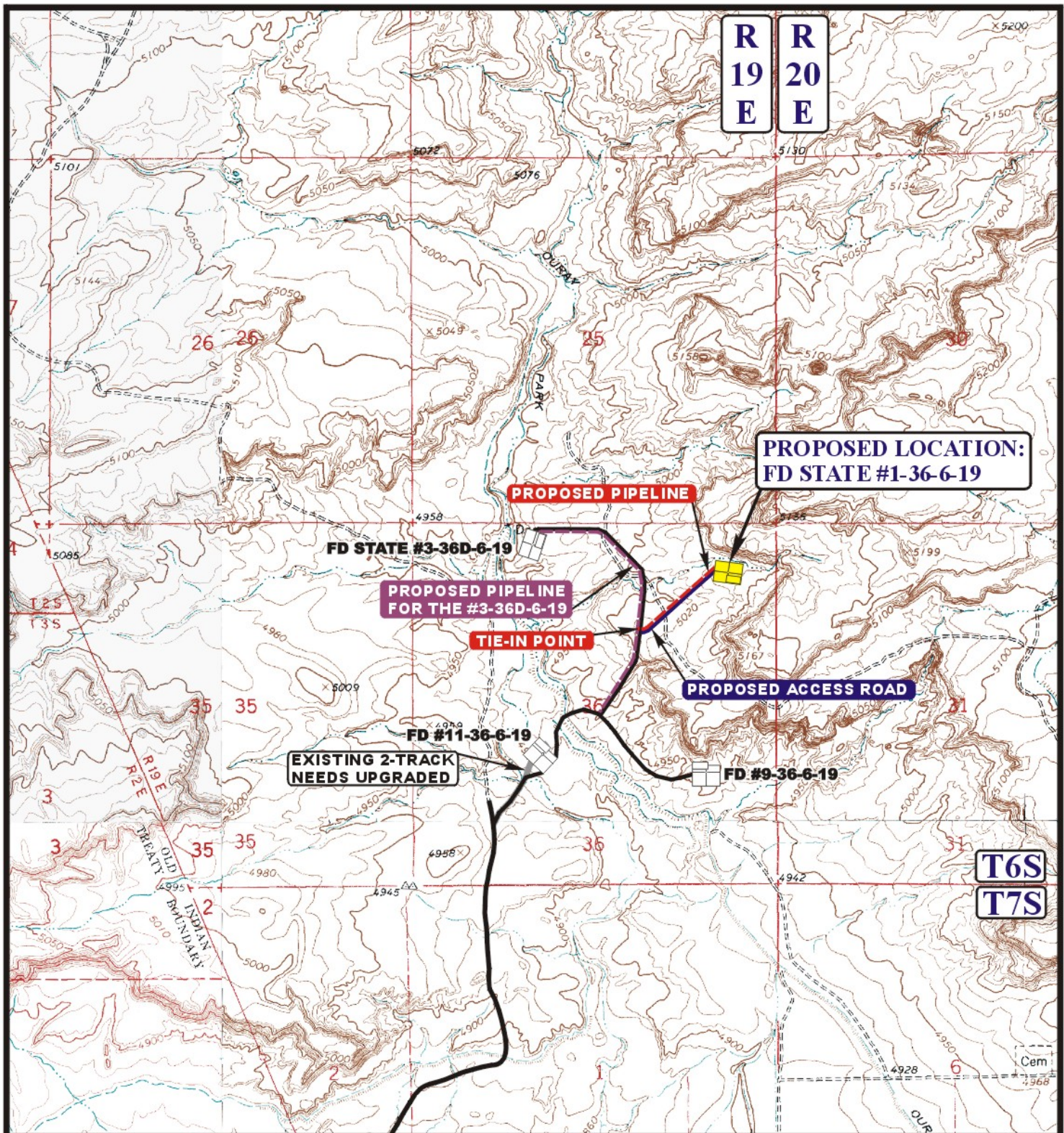
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/1/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Pipeline"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approximately 1465' of pipeline corridor (See Topo C) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending southwesterly until reaching the tie in point to the FD 3-36D-6-19 pipeline. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline crosses entirely State surface.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 07, 2012

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 2/29/2012



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,465' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING 2-TRACK
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



BILL BARRETT CORPORATION

FD STATE #1-36-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
725' FNL 690' FEL

ACCESS ROAD
MAP

11 09 11
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.I.

REVISED: 00-00-00



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; BILL BARRETT CORP

Well Name: FD 1-36-6-19

Api No: 43-047-52164 Lease Type STATE

Section 36 Township 06S Range 19E County UINTAH

Drilling Contractor TRIPLE A DRILLING RIG # BUCKET

SPUDDED:

Date 01/12/2013

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by BRADY RILEY

Telephone # 303-312-8115

Date 01/15/2013 Signed CHD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 1-36-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047521640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 1/16/2013			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well was spud on 1/16/13 at 2 PM.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 24, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 1/18/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 1-36-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047521640000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/22/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC is requesting permission to change the drilling casing and cement plan for this well to 9-5/8" set at 2500'. The TD will remain the same as originally permitted and approved. Please contact Brady Riley at 303-312-8115 with questions.

**Approved by the
Utah Division of
Oil, Gas and Mining**

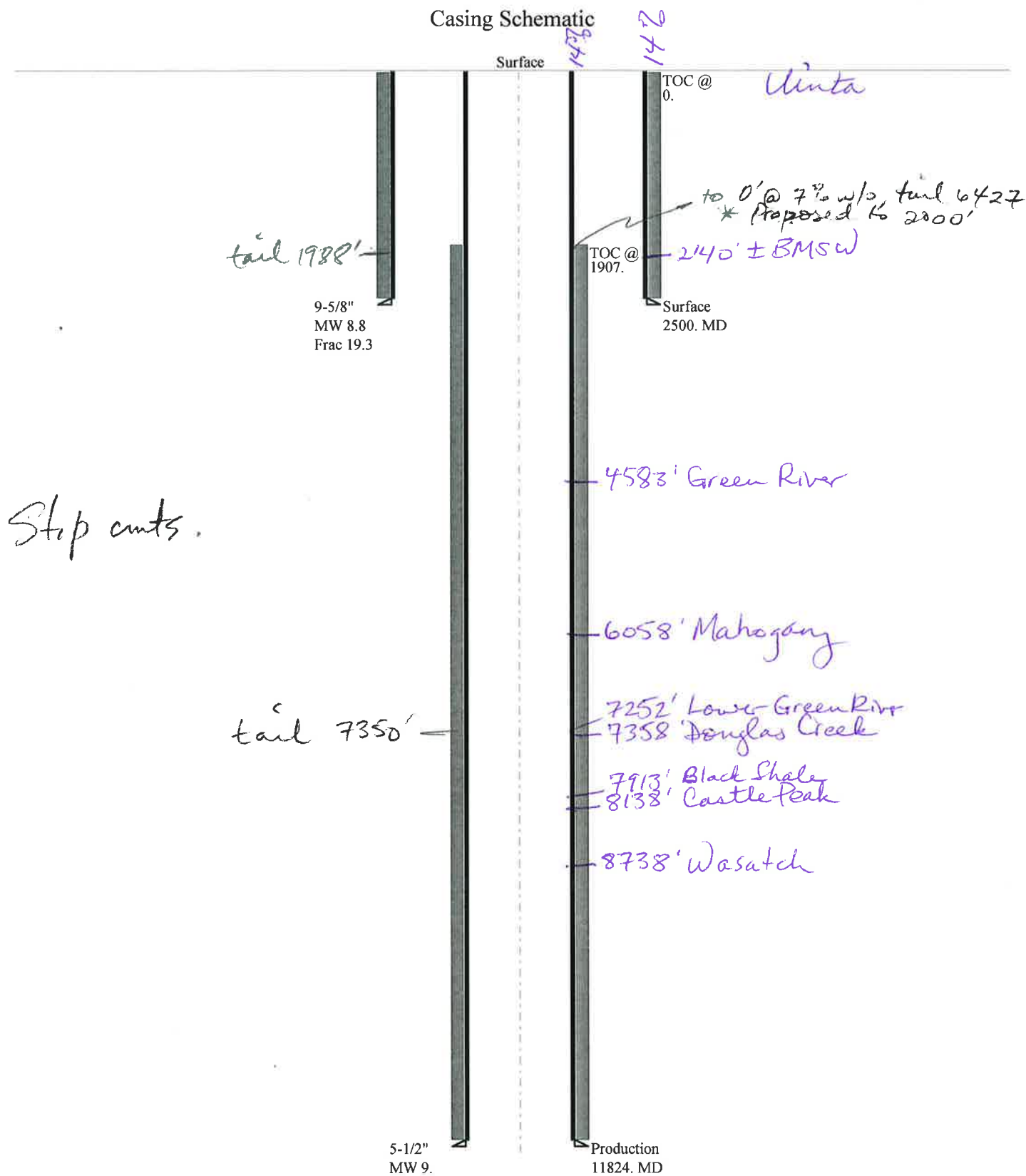
Date: January 28, 2013

By: *DeK Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 1/18/2013

43047521640000 FD 1-36-6-19rev

Casing Schematic



BOPE REVIEW

Bill Barrett FD 1-36-6-19rev

API 43-047-52164-0000

INPUT

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Bill Barrett FD 1-36-6-19rev		API 43-047-52164-0000	
String 1	String 2		
9 5/8	5 1/2		
2500	11824		
0	2500		
8.8	9.6		
500	5000		
3520	10640		
5902	9.6 ppg		

Calculations		String 1	9 5/8 "	
Max BHP [psi]		.052*Setting Depth*MW =	1144	
				BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]		Max BHP-(0.12*Setting Depth) =	844	NO
MASP (Gas/Mud) [psi]		Max BHP-(0.22*Setting Depth) =	594	NO
				*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe		Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	594	NO
Required Casing/BOPE Test Pressure			2464 psi	
*Max Pressure Allowed @ Previous Casing Shoe =			0 psi	*Assumes 1psi/ft frac gradient

Calculations		String 2	5 1/2 "	
Max BHP [psi]		.052*Setting Depth*MW =	5903	
				BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]		Max BHP-(0.12*Setting Depth) =	4484	YES
MASP (Gas/Mud) [psi]		Max BHP-(0.22*Setting Depth) =	3301	YES
				*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe		Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3851	NO
Required Casing/BOPE Test Pressure			5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =			2500 psi	*Assumes 1psi/ft frac gradient

fresh water spud mud, with minor amts of diesel to reduce

torque and drag

Reasonable

Well name:	43047521640000 FD 1-36-6-19rev		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-52164
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 240 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,907 ft

Burst

Max anticipated surface pressure: 2,927 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,528 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 10,210 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	11824	5.5	17.00	P-110	LT&C	11824	11824	4.767	77882
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5528	7480	1.353	5528	10640	1.92	201	445	2.21 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: January 28, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11824 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047521640000 FD 1-36-6-19rev	
Operator:	BILL BARRETT CORP	
String type:	Surface	Project ID: 43-047-52164
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,950 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 2,174 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 11,824 ft
Next mud weight: 9.600 ppg
Next setting BHP: 5,897 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2500	9.625	36.00	J-55	ST&C	2500	2500	8.796	21730

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1143	2020	1.768	2500	3520	1.41	90	394	4.38 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: January 28, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

FD #1-36-6-19

NE NE, 725' FNL and 690' FEL, Sec. 36, T6S – R19E, SLB&M
 Uintah County, UT

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD/TVD</u>
Green River*	4583'
Mahogany	6058'
Lower Green River*	7253'
Douglas Creek	7358'
Black Shale	7913'
Castle Peak	8138'
Wasatch*	8738'
TD	11,824'

*PROSPECTIVE PAY

The Wasatch and the Green River are primary objectives for oil/gas.

Base of Useable Water = 2,058'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 80'	No pressure control required
80' – 2500'	Rotating head or diverter
2500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u> <u>(FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
26"	Surface	80'	16"	65#			
12 1/4"	Surface	2500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

*The casing program is based on recent wells drilled by Axia in the immediate area.

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

Bill Barrett Corporation
Drilling Program
FD 1-36-6-19
Uintah County, Utah

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 360 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 2,000'
5 1/2" Production Casing	Lead: 890 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 2,000' Tail: 1190 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7413'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 2500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
2500' – TD	8.6 – 9.6	42 – 52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

Bill Barrett Corporation
Drilling Program
FD 1-36-6-19
Uintah County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5902 psi* and maximum anticipated surface pressure equals approximately 3301 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
 - b) Inside BOP or stab-in valve (available on rig floor)
 - c) Safety valve(s) and subs to fit all string connections in use
- Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

11. Drilling Schedule

Location Construction: Constructed
Spud: Spud
Duration: 15 days drilling time
45 days completion time



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: [FD 1-36-6-19](#)

Surface Hole Data:

Total Depth:	2,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	1096.1	ft ³
Lead Fill:	2,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	360
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	2,000'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	11,824'
Top of Cement:	2,000'
Top of Tail:	7,413'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	2050.9	ft ³
Lead Fill:	5,413'	
Tail Volume:	1671.4	ft ³
Tail Fill:	4,411'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	890
# SK's Tail:	1190

FD 1-36-6-19 Proposed Cementing Program
--

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (2000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 2,000'
	Volume: 195.22 bbl
	Proposed Sacks: 360 sks
Tail Cement - (TD - 2000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 2,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7413' - 2000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 2,000'
	Calculated Fill: 5,413'
	Volume: 365.26 bbl
	Proposed Sacks: 890 sks
Tail Cement - (11824' - 7413')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,413'
	Calculated Fill: 4,411'
	Volume: 297.68 bbl
	Proposed Sacks: 1190 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

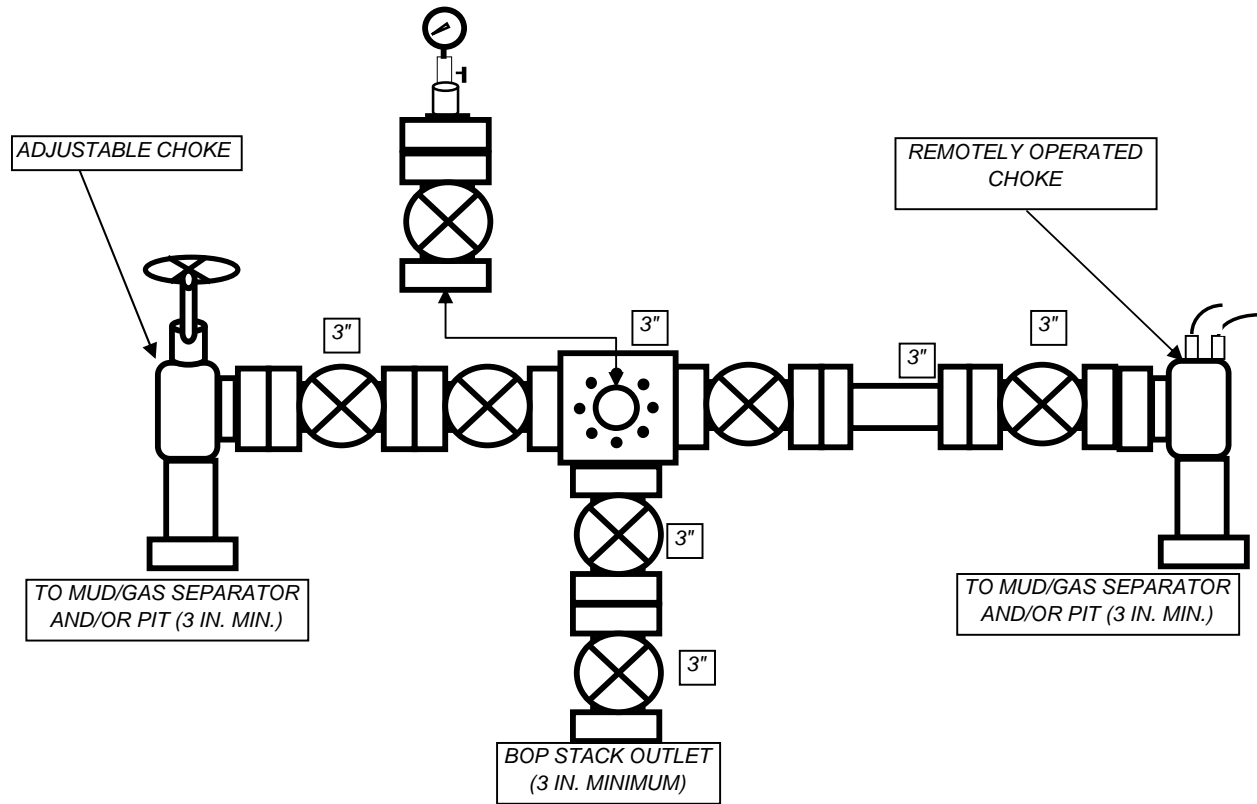
F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

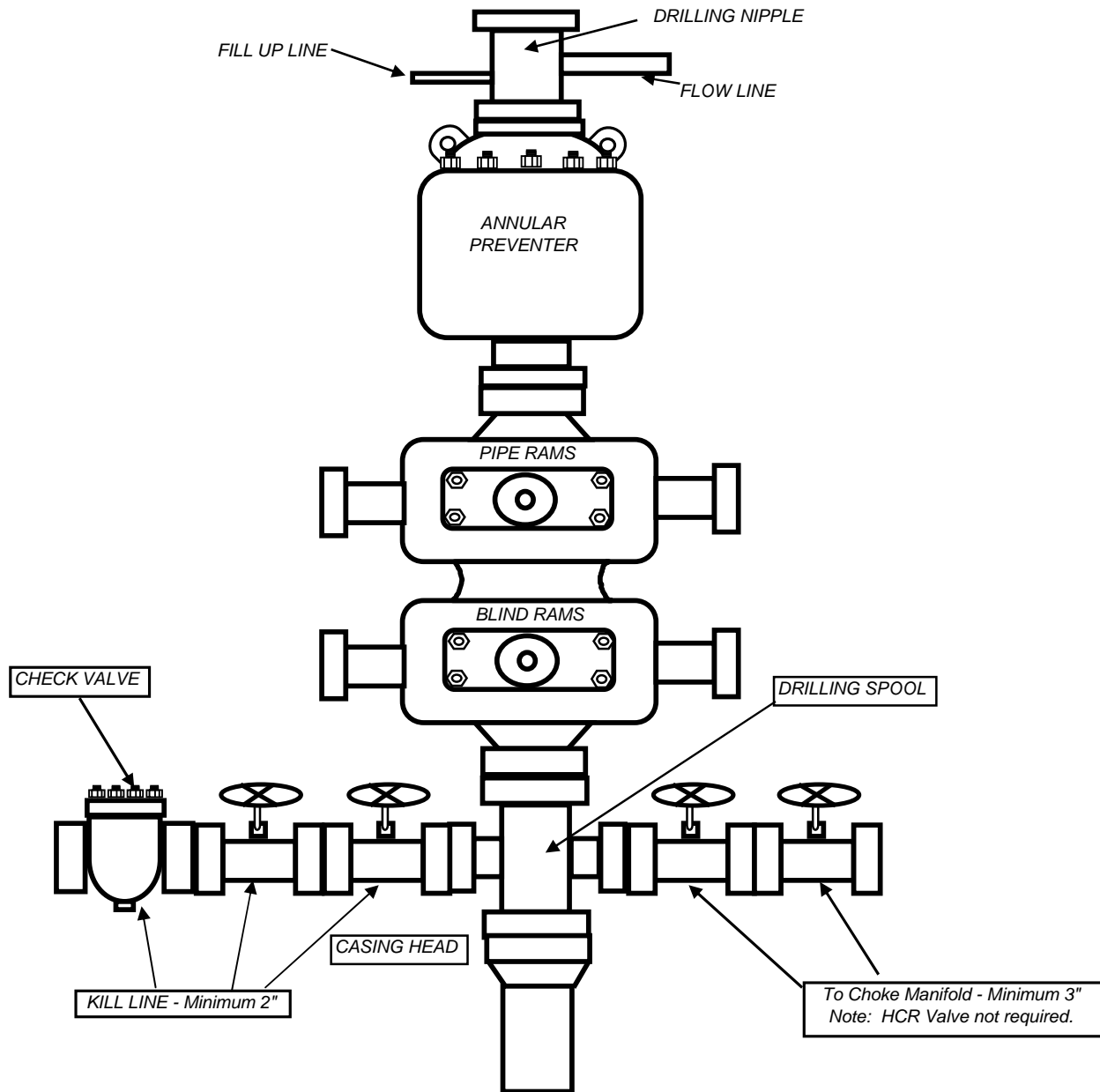
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 1-36-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047521640000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/31/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the January 2013 monthly drilling report for this well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 13, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/5/2013	

**FD State 1-36-6-19 1/27/2013 20:00 - 1/28/2013 06:00**

API/UWI 43047521640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 8,278.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
20:00	10.00	06:00	1	RIGUP & TEARDOWN	RIG DN ROTATY TOOLS, WAIT ON DAYLIGHT

FD State 1-36-6-19 1/28/2013 06:00 - 1/29/2013 06:00

API/UWI 43047521640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 8,278.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIG DN, MOVE SET BACK YARD, DRESS PITS.

FD State 1-36-6-19 1/29/2013 06:00 - 1/30/2013 06:00

API/UWI 43047521640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 8,278.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	19.50	01:30	1	RIGUP & TEARDOWN	RIG UP, SUB AND DERRICK. RAISE AND RIG UP ROTARY TOOLS
01:30	2.50	04:00	14	NIPPLE UP B.O.P	MIX MUD WELD ON CONDUCTOR, STARP BHA.
04:00	1.75	05:45	6	TRIPS	PICK UP BHA, OREINTATE MWD
05:45	0.25	06:00	2	DRILL ACTUAL	DRLG 121/4" HOLE F/ 106' TO 120' MM 8' HUNTING TITAN 7/8 LOBE 2.5 STAGE.07 GPR 1.5 DEGREE BEND 6.97 BTB.

FD State 1-36-6-19 1/30/2013 06:00 - 1/31/2013 06:00

API/UWI 43047521640000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 8,278.0	Primary Job Type Drilling & Completion
---------------------------	----------------------	------------------	-----------------------------	-------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	DRLG 12 1/4" HOLE F/ 120' TO 1162' (1042' IN 9 HR = 115.7 FPH) SLIDE: 16' IN .5 HR = 32 FPH, ROTATE: 1026' IN 8.5 HR B= 120.7 FPH. MM 8' HUNTING TITAN 7/8 LOBE 2.5 STAGE.07 GPR 1.5 DEGREE BEND 6.97 BTB.
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	10.50	02:00	2	DRILL ACTUAL	DRLG F/ 1162' TO 2520' (1358' IN 10.5 HR = 129.3 FPH) SLIDE:16' IN .5 HR = 32 FPH, ROTATE: 1342' IN 10 HR = 134.2 FPH.4.88' F/ CENTER.
02:00	0.50	02:30	5	COND MUD & CIRC	CIRC SWEEP
02:30	2.00	04:30	6	TRIPS	SHORT TRIP TO 320'
04:30	0.50	05:00	5	COND MUD & CIRC	CIRC, 2 1/2" DIAMETER CAVINGS
05:00	1.00	06:00	6	TRIPS	SHORT TRIP

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8115

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752164	FD 1-36-6-19		NENE	36	6S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	new	18864	1/16/2013		31-Jan-2013		
Comments: Spudding Operation was conducted by Triple A Drilling @ 2 PM. WSTC							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Brady Riley

Name (Please Print)

Brady Riley

Signature

Permit Analyst

Title

1/18/2013

Date

JAN 18 2013

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
Submitted By Glenn Randel Phone Number 970-623-7078
Well Name/Number FD 1-36-6-19
Qtr/Qtr NE/NE Section 36 Township 6S Range 19E
Lease Serial Number ML-50801
API Number 43-047-52164

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

Date/Time 2/8/13 16:30 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED

FEB 07 2013

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# HP 319
Submitted By JET LORENZEN Phone Number 970-623-7078
Well Name/Number FD 1-36-6-19
Qtr/Qtr NE/NE Section 36 Township 6S Range 19E
Lease Serial Number ML-50801
API Number 43-047-52164

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 01/31/2013 11:00 AM ☒ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 02/01/2013 01:00 AM ☒ PM ☐

Remarks _____

RECEIVED

JAN 31 2013

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 1-36-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047521640000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/7/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="confidential status"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC hereby requests this well be held in confidential status.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: February 25, 2013

By: Derek Duff

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 2/7/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 1-36-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047521640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/28/2013			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

February 2013 monthly drilling report attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 05, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 3/5/2013

**FD State 1-36-6-19 2/1/2013 06:00 - 2/2/2013 06:00**

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.25	07:15	6	TRIPS	TIH
07:15	1.25	08:30	21	OPEN	DRILL SHOE TRACK TO 2530'
08:30	0.50	09:00	22	OPEN	EMW 275 PSI W/ 8.4 = 10.5
09:00	5.50	14:30	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 2520' TO 4254' (1734' IN 5.5 HR = 315 FPH) SLIDE: 24' IN .5 HR = 48 FPH, ROTATE: .1710' IN 5 HR = 342 FPH. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB
14:30	0.25	14:45	23	OPEN	XO CAP GASKET ON PUMP 1
14:45	2.25	17:00	2	DRILL ACTUAL	DRLG F/ 4254' TO 4537' @ 125.8 FPH ROTATING.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	2.25	19:45	2	DRILL ACTUAL	DRLG F/ 4537' TO 4726' (189' IN 2.25 HR 84 FPH) SLIDE: 6' IN .25 HR = 24 FPH, ROTATE: 183' IN 2 HR = 91.5 FPH.
19:45	0.50	20:15	5	COND MUD & CIRC	CIRC PUMP DRY SLUG
20:15	3.75	00:00	6	TRIPS	TRIP F/ #2 BIT
00:00	6.00	06:00	2	DRILL ACTUAL	DRLG F/ 4537' TO 5072' (346' IN 6 HR 57.7 FPH) SLIDE: 26' IN .75 HR = 34.7 FPH ROTATE: 320' IN 5.25 HR = 61 FPH. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB

FD State 1-36-6-19 2/2/2013 06:00 - 2/3/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.75	16:45	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 5072' TO 5669' (597' IN 10.75 HR = 55.5 FPH) SLIDE: 32' IN 1.75 HR = 18.3 FPH, ROTATE: 565' IN 9 HR = 62.7 FPH. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB.
16:45	0.50	17:15	7	LUBRICATE RIG	RIG SERVICE
17:15	12.75	06:00	2	DRILL ACTUAL	DRLG F/ 5669' TO 6162' (493' IN 12.75 HR = 38.7 FPH) SLIDE: 44' IN 2.5 HR 17.6 FPH, ROTATE: 449' IN 10.25 HR 43.8 FPH. MODULE WASED OUT ON #1 PUMP. DRLG W/ 1 PUMP WO THE OTHER.

FD State 1-36-6-19 2/3/2013 06:00 - 2/4/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 6162' TO 6230' @ 27.2 FPH ROTATING. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB.
08:30	0.50	09:00	5	COND MUD & CIRC	CIRC. PUMP DRY SLUG
09:00	7.25	16:15	6	TRIPS	TRIP F/ BIT #4 TIGHT F/ 4350 TO 4230' ON THE WAY OUT. REAM ON THE WAY IN.
16:15	1.75	18:00	2	DRILL ACTUAL	DRLG F/ 6230' TO 6329' @ 56.6 FPH ROTATING
18:00	0.50	18:30	7	LUBRICATE RIG	RIG SERVICE
18:30	2.75	21:15	2	DRILL ACTUAL	DRLG F/ 6329 TO 6561 (232' IN 2.75 HR = 84.4 FPH) SLIDE: 22' IN .75 HR = 29.3 FPH, ROTATE: 210' IN 2 HR = 105 FPH.
21:15	0.50	21:45	21	OPEN	CHANGE CAP GASKET #1 PUMP
21:45	8.25	06:00	2	DRILL ACTUAL	DRLG F/ 6561' TO 6968' (407' IN 8.25 HR = 49.3 FPH) SLIDE: 10' IN .5 HR = 20 FPH, ROTATE: 397' IN 7.75 HR = 51.2 FPH.

FD State 1-36-6-19 2/4/2013 06:00 - 2/5/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 6968 TO 7744' (776' IN 11.5 HR) SLIDE: 44' IN 2.5 HR = 17.6 FPH, ROTATE: 732' I 9 HR = 81.3 FPH. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB.
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRLG F/ 7744' TO 8278' (534' IN 12 HR = 44.5 FPH) SLIDE: 37' IN 2.75 HR = 13.5 FPH, ROTATE: 497' IN 9.25 HR 53.7 FPH.

**FD State 1-36-6-19 2/5/2013 06:00 - 2/6/2013 06:00**

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 8278' TO 8494' (216' IN 5 HR = 43.2 FPH)SLIDE: 12' IN .5 HR = 24 FPH, ROTATE: 204' IN 4.5 HR = 45.3 FPH. MM 7" GEOFORCE XL 6/7 5.4 .3 RPG 1.5 FIXED 3.03 BTB.
11:00	0.50	11:30	5	COND MUD & CIRC	CIRC. PUMP DRY SLUG
11:30	5.75	17:15	6	TRIPS	TRIP F/ BIT #5, TIGHT @ 6900' ON THE WAY OUT,
17:15	1.00	18:15	6	TRIPS	WORK STUCK PIPE @ 8148'
18:15	0.50	18:45	3	REAMING	WASH AND REAM TO BOTTOM
18:45	0.50	19:15	2	DRILL ACTUAL	DRLG F/ 8494 TO 8497'
19:15	0.50	19:45	20	DIRECTIONAL WORK	TROUBLE SHOOT MWD
19:45	10.25	06:00	2	DRILL ACTUAL	DRLG F/ 8497' TO 9001' (504' IN 10.25 = 49.2 FPH), SLIDE: 6' IN .25 HR = 24 FPH, ROTATE: 498' IN 10 HR = 49.8 FPH.

FD State 1-36-6-19 2/6/2013 06:00 - 2/7/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.25	15:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9001-9347'. ROP 37.4 FPH.
15:15	0.50	15:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
15:45	5.75	21:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9347-9550' (TD). ROP 35.3 FPH.
21:30	1.25	22:45	5	COND MUD & CIRC	PUMP 50 BBL SUPER SWEEP PILL & CIRCULATE 1 1/2 BOTTOMS UP. LOTS OF ~1.5" ROCKS OVER SHAKERS.
22:45	6.00	04:45	6	TRIPS	POH TO 3500'. WORK TIGHT HOLE & BACKREAM 8970-8624'.
04:45	1.25	06:00	6	TRIPS	RIH TO 4800'. WASH 4756-4800'.

FD State 1-36-6-19 2/7/2013 06:00 - 2/8/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	WASH 4800-4890'. RIH, TIGHT 5475-5540, 6180-6213, 6506-6512, 7060-7085, 7320-7360, 7910-7930, & 8190-8230'.
09:00	2.00	11:00	3	REAMING	FILL STRING & WASH 8800-TD. INCREASING MW TO 9.8 PPG.
11:00	2.25	13:15	5	COND MUD & CIRC	PUMP 50 BBL SUPER SWEEP PILL, CIRCULATE & RAISE MW TO 9.7 PPG. NO EXCESS CAVINGS WITH SWEEP. FLOW CHECK - NEGATIVE.
13:15	7.75	21:00	6	TRIPS	BLOW DOWN MUD LINES & POH TO LOG. LAY DOWN SPERRY TOOLS. BIT COND: 1-2-WT-S-X-I-BT-TD. TIGHT @ 9100, 8190, 8085, 7250, 6500, 6200, 5415, 5340, 4790, 3400, 2725 & 2560.
21:00	0.50	21:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
21:30	2.00	23:30	11	WIRELINE LOGS	RIG UP HALLIBURTON E-LOGGERS.
23:30	6.50	06:00	11	WIRELINE LOGS	RUN QUAD COMBO LOG. LOGGER'S DEPTH 9549'.

FD State 1-36-6-19 2/8/2013 06:00 - 2/9/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	11	WIRELINE LOGS	RIG DOWN LOGGERS.
06:30	5.00	11:30	6	TRIPS	MAKE UP 8 3/4 BIT (GX20C, used) & SLICK ROTARY BHA & RIH. FILL STRING AT SHOE & 6000'.
11:30	1.00	12:30	3	REAMING	PRECAUTIONARY WASH 9324-TD. NO FILL.
12:30	1.25	13:45	5	COND MUD & CIRC	PUMP 50 BBL SUPER SWEEP PILL & CIRCULATE 1 1/2 BOTTOMS UP.
13:45	8.25	22:00	6	TRIPS	FLOW CHECK - NEGATIVE. PUMP SLUG, BLOW DOWN MUD LINES & POH LAYING DOWN.
22:00	0.50	22:30	14	NIPPLE UP B.O.P	PULL WEAR BUSHING.
22:30	0.50	23:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:00	1.00	00:00	12	RUN CASING & CEMENT	HELD PJSM. RIG UP CRT, INSTALL HYDRAULIC SLIPS.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	6.00	06:00	12	RUN CASING & CEMENT	MAKE UP & THREADLOCK 2 JT SHOE TRACK. RUN 96 JTS 5 1/2 17#, HCP-110, LTC, R3 CASING TO 4000'. CIRCULATE THRU SHOE TRACK. FILL CASING EVERY 5 JTS.

FD State 1-36-6-19 2/9/2013 06:00 - 2/10/2013 01:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-52164	UT	Uintah	Fort Duchesne	PRODUCING	9,550.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.25	11:15	12	RUN CASING & CEMENT	FINISH RUN TOTAL OF 228 JTS 5 1/2, 17#, HCP-110, LTC, R3 CASING. WASH DOWN LAST JT, NO FILL.
11:15	1.50	12:45	5	COND MUD & CIRC	CIRCULATE CASING 1 1/2 BOTTOMS UP WHILE RIG UP CEMENTERS. RECIP CASING 15'. LAND CASING W/SHOE @ 9539' & FLOAT COLLAR @ 9456'.
12:45	4.25	17:00	12	RUN CASING & CEMENT	INSTALL & TEST TO 5000 PSI CEMENT HEAD & LINE. PUMP 5 BBL WATER, 40 BBL SUPERFLUSH101 @ 10 PPG, 5 BBL WATER, 875 SX (362 BBL) LEAD CEMENT @ 11 PPG, 650 SX (165 BBL) TAIL CEMENT @ 13.5 PPG. DROP TOP PLUG & DISPLACE W/213 BBL WATER + 2% KCl & ALDACIDE. BUMPED PLUG W/1000 PSI OVER FDP, TOTAL PRESSURE 2800 PSI. HELD 10 MIN. BLEED OFF 2.25 BBL & FLOATS HELD. CIP @ 16:45 HRS. FULL RETURNS THROUGHOUT JOB. OBSERVED 130 BBL GOOD CEMENT BACK TO SURFACE.
17:00	7.00	00:00	14	NIPPLE UP B.O.P	WASH CEMENT FROM SURFACE SYSTEM & NIPPLE DOWN & LIFT BOP. BLOW DOWN MUD LINES. LIFT BOP, SET SLIPS W/30K OVER CASING WT, CUT CASING, INSTALL/TEST TO 5200 PSI TUBING HANGER SPOOL & NIGHT CAP.
00:00	1.00	01:00	1	RIGUP & TEARDOWN	CLEAN MUD TANKS & RELEASE RIG AT 01:00 HRS, 2/10/13.

FD State 1-36-6-19 2/14/2013 06:00 - 2/15/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-52164	UT	Uintah	Fort Duchesne	PRODUCING	9,550.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
12:00	5.00	17:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 9,400', Drilling Report Shows FC At 9,456', 56' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 9,400', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 02-07-2013. Run Repeat Section From 9,400 - 9,100', Log Up Hole. Showed Good Bond From TD To 7,550, 7,550 - 6,240' Good, 6,240 - 1,130 Good With Bad/Ratty Spots, 1,130 - 230' Ratty. TOC 230'. Found Short Joints At 7,180 - 7,202' And 8,084 - 8,10'6. Ran With Pressure. Pooh, RD Equipment, MOL.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

FD State 1-36-6-19 2/21/2013 06:00 - 2/22/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-52164	UT	Uintah	Fort Duchesne	PRODUCING	9,550.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	START MOVING IN FRAC LINE.

FD State 1-36-6-19 2/22/2013 06:00 - 2/23/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-52164	UT	Uintah	Fort Duchesne	PRODUCING	9,550.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	CHECK PRESSURES. ND NIGHT CAP. NU FRAC MANDREL, NU FRC VALVES. SET AND PLUMB IN FLOW BACK EQUIP. PRES TEST. CONT MOVE IN FRAC LINE.

FD State 1-36-6-19 2/23/2013 06:00 - 2/24/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-52164	UT	Uintah	Fort Duchesne	PRODUCING	9,550.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FINISH MOVE IN AND FILLING FRAC LINE.

FD State 1-36-6-19 2/24/2013 06:00 - 2/25/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FINISH FILLING FRAC LINE. HEAT FRAC LINE. SET DEADMEN.

FD State 1-36-6-19 2/25/2013 06:00 - 2/26/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	4.00	11:00	PFRT	Perforating	MIRU SLB WITH 10K LUB. PU GUNS FOR STG 1. OPEN WELL WITH 0 PSI. RIH AND CORRELATE TO SJ AT 8085'-8106+'. RUN DOWN AND PERF WASATCH AND CASTLE PEAK FORM 8634'-8949' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT WELL IN WITH 0 PSI
11:00	17.00	04:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN. MIRU HES FRAC EQUIP.
04:00	1.00	05:00	GOP	General Operations	HES AOL. RUN QC ON FLUIDS. HSM. PRIME UP AND PRES TEST.
05:00	1.00	06:00	FRAC	Frac. Job	BEG FRAC ON STAGE 1.

FD State 1-36-6-19 2/26/2013 06:00 - 2/27/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	FRAC	Frac. Job	FRAC STG #1- CASTLE PEAK AND WASATCH PERFS 8634'-8949', 45 HOLES IN 15' NET. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 0 PSI AT 05:00 BREAK DOWN 2509 PSI AT 8.8 BPM. PMP 3893 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 8.3 BPM AT 1510 PSI. FLUSH W/ 8435 GAL. 30.2 BPM AT 2246 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 4170 PSI. ISIP 1707. FG .63. PERFS OPEN 31/45. CONT FR PAD. 70.4 BPM AT 3876 PSI. STAGE .75 PPS 100# MESH. 70.7 BPM AT 3647 PSI. ON PERFS 70.6 BPM AT 3693 PSI. STAGE TO 2 PPA 20/40 WHITE. 70.4 BPM AT 3560 PSI. ON PERFS 70.4 BPM AT 3279 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.5 BPM AT 3150 PSI. ON PERFS 70.5 BPM AT 2990 PSI. STAGE TO 4 PPA 20/40 WHITE. 70.5 BPM AT 2985 PSI. ON PERFS 70.5 BPM AT 2797 PSI. STAGE TO 5 PPA 20/40 WHITE. 70.5 BPM AT 2753 PSI. ON PERFS 70.5 BPM AT 2734 PSI. FLUSH 70.6 BPM AT 3550 PSI. WSI WITH 1950 PSI. TURN OVER TO WIRELINE. ISDP 1970 MAX RATE 71.1 BPM AVE RATE 70.5 BPM PMP 8240 lbs MESH SLK WTR 48,487 GAL BWTR 2542 BBLS FG .66 MAX PRES 4845 PSI AVE PRES 3295 PSI 149,320 lbs 20/40 WHITE. (TOTAL PROP 157,560 lbs) 20# HYBOR G (16) 54,388 GAL (TOTAL FLUID 106,775 GAL) 250 LBS SCALE SORB 3
06:30	1.50	08:00	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 2 INTO LUB AND EQUALIZE 1800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8085'-8106+'. RUN DOWN AND SET CBP AT 8622' WITH 1600 PSI. PULL UP AND PERF CASTLE PEAK FORM 8271'-8600' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 1400 PSI.

Start Time	Dur (hr)	End Time	Code	Category	Com
08:00	1.50	09:30	FRAC	Frac. Job	<p>FRAC STG #2- CASTLE PEAK PERFS 8271'-8600', 45 HOLES IN 15' NET. PRESSURE TEST LINES TO 9049 PSI. OPEN WELL W/ 1247 PSI AT 08:05 BREAK DOWN 2105 PSI AT 10.6 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.6 BPM AT 2105 PSI. FLUSH W/ 8074 GAL. 31.6 BPM AT 2454 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.3 BPM AT 3836 PSI. ISIP 1349. FG .60. PERFS OPEN 30/45. CONT FR PAD. 70.3 BPM AT 3843 PSI. STAGE .75 PPA 100 MESH. 70.5 BPM AT 3655 PSI. ON PERFS 70.4 BPM AT 3704 PSI. STAGE TO 2 PPA 20/40 WHITE. 70.3 BPM AT 3295 PSI. ON PERFS 70.4 BPM AT 3076 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.4 BPM AT 2912 PSI. ON PERFS 70.4 BPM AT 2721 PSI. STAGE TO 4 PPA 20/40 WHITE. 70.4 BPM AT 2688 PSI. ON PERFS 70.4 BPM AT 2523 PSI. STAGE TO 5 PPA 20/40 WHITE. 7040 BPM AT 2493 PSI. ON PERFS 70.3 BPM AT 2347 PSI. FLUSH 70.7 BPM AT 2970 PSI. WSI WITH 1430 PSI. TURN OVER TO WIRELINE.</p> <div style="display: flex; justify-content: space-between;"> <div>ISDP 1538 MAX RATE 70.6 BPM AVE RATE 70.0 BPM PMP 8320 lbs MESH lbs) SLK WTR 52,739 GAL 111,645 GAL) BWTR 2658 BBLS</div> <div>FG .60 MAX PRES 3914 PSI AVE PRES 3107 PSI 150,180 LBS 20/40 WHITE. (TOTAL PROP 158,500 20# HYBOR G (16) 55,016 GAL (TOTAL FLUID 250 LBS SCALE SORB 3</div> </div>
09:30	1.25	10:45	PFRT	Perforating	<p>PERF STG #3- PU EXELIX 5-1/2" CBP AND GUNS FOR STAGE 3 INTO LUB AND EQUALIZE 1400 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8085'-8106+'. RUN DOWN AND SET CBP AT 8257' WITH 1300 PSI. PULL UP AND PERF BLACK SHALE AND CASTLE PEAK FORM 7938'-8234' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 1100 PSI.</p>
10:45	1.50	12:15	FRAC	Frac. Job	<p>FRAC STG #3- BLACK SHALE AND CASTLE PEAK PERFS 7938'-8234' 45 HOLES IN 15' NET. PRESSURE TEST LINES TO 9000 PSI. OPEN WELL W/ 682 PSI AT 10:41 BREAK DOWN 2434 PSI AT 9.8 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.7 BPM AT 2186 PSI. FLUSH W/ 7837 GAL. 30.0 BPM AT 2698 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.3 BPM AT 3910 PSI. ISIP 1896. FG .67. PERFS OPEN 35/45. CONT FR PAD. 70.2 BPM AT 3861 PSI. STAGE .75 PPS 100 MESH. 70.2 BPM AT 3717 PSI. ON PERFS 68.6 BPM AT 3578 PSI. STAGE TO 2 PPA 20/40 WHITE. 68.2 BPM AT 3470 PSI. ON PERFS 69.8 BPM AT 3256 PSI. STAGE TO 3 PPA 20/40 WHITE. 69.3 BPM AT 3203 PSI. ON PERFS 68.7 BPM AT 3023 PSI. STAGE TO 4 PPA 20/40 WHITE. 68.5 BPM AT 2979 PSI. ON PERFS 68.6 BPM AT 2861 PSI. STAGE TO 5 PPA 20/40 WHITE. 68.6 BPM AT 2834 PSI. ON PERFS 68.6 BPM AT 2792 PSI. FLUSH 70.5 BPM AT 3717 PSI. WSI WITH 1500 PSI. TURN OVER TO WIRELINE.</p> <div style="display: flex; justify-content: space-between;"> <div>ISDP 1977 MAX RATE 70.3 BPM AVE RATE 68.7 BPM PMP 8400 lbs 100 MESH 163,490 lbs) SLK WTR 51,876 GAL 111,223 GAL) BWTR 2648 BBLS</div> <div>FG .68 MAX PRES 5305 PSI AVE PRES 3321 PSI 155,090 LBS 20/40 WHITE.(TOTAL PROP 20# HYBOR G (16) 55,447 GAL (TOTAL FLUID 250 LBS SCALE SORB 3</div> </div>

Start Time	Dur (hr)	End Time	Code	Category	Com
12:15	1.25	13:30	PFRT	Perforating	PERF STG #4- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 4 INTO LUB AND EQUALIZE 1700 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7180+'-7202'. RUN DOWN AND SET CBP AT 7929' WITH 2300 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 7659'-7905' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 1200 PSI
13:30	1.25	14:45	FRAC	Frac. Job	<p>FRAC STG #4- DOUGLAS CREEK PERFS 7659'-7905' 45 HOLES IN 13' NET. PRESSURE TEST LINES TO 9000 PSI. OPEN WELL W/ 1238 PSI AT 13:23 BREAK DOWN 2533 PSI AT 9.7 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.4 BPM AT 1801 PSI. FLUSH W/ 7515 GAL. 29.8 BPM AT 2630 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.5 BPM AT 3508 PSI. ISIP 1911. FG .69. PERFS OPEN 40/45. CONT FR PAD. 70.3 BPM AT 3392 PSI. STAGE TO .75 100 MESH 70.2 BPM AT 3400 PSI. ON PERF 70.2 BPM AT 3412 PSI. STAGE TO 2 PPA 20/40 WHITE. 70.0 BPM AT 3388 PSI. ON PERFS 70.1 BPM AT 3197 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.1 BPM AT 3056 PSI. ON PERFS 70.0 BPM AT 3040 PSI. STAGE TO 4 PPA 20/40 WHITE. 69.9 BPM AT 3025 PSI. ON PERFS 70.1 BPM AT 2943 PSI. STAGE TO 5 PPA 20/40 WHITE. 70.1 BPM AT 2911 PSI. ON PERFS 70.0 BPM AT 3016 PSI. FLUSH 69.2 BPM AT 4420 PSI. (NO FR) WSI WITH 2412 PSI. TURN OVER TO WIRES LINE.</p> <div style="display: flex; justify-content: space-between;"> <div> ISDP 2501 MAX RATE 70.3 BPM AVE RATE 69.8 BPM PMP 7750 lbs MESH lbs) SLK WTR 64,667 GAL 127,110 GAL) BWTR 2461 BBLS </div> <div> FG .76 MAX PRES 4001 PSI AVE PRES 3184 PSI 140,100 lbs 20/40 WHITE. (TOTAL PROP 147,850 20# HYBOR G (16) 62,443 GAL (TOTAL FLUID 250 LBS SCALE SORB 3 </div> </div>
14:45	1.25	16:00	PFRT	Perforating	PERF STG #5- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 5 INTO LUB AND EQUALIZE 2300 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7108+'-7202+'. RUN DOWN AND SET CBP AT 7648' WITH 2100 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 7380'-7623' WITH 39 HOLES IN 13' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2000 PSI.

Start Time	Dur (hr)	End Time	Code	Category	Com
16:00	1.50	17:30	FRAC	Frac. Job	<p>FRAC STG #5- DOUGLAS CREEK FORM 7380'-7623' WITH 39 HOLES IN 13' NET. PRESSURE TEST LINES TO 9000 PSI. OPEN WELL W/ 1836 PSI AT 15:56 BREAK DOWN 3087 PSI AT 10.5 BPM. PMP 3900 GAL 15% HCL ACID W/ 78 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2847 PSI. FLUSH W/ 7201 GAL. 30.1 BPM AT 3147 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 69.6 BPM AT 5256 PSI. ISIP 2350. FG .75. PERFS OPEN 30/39. CONT FR PAD. 69.7 BPM AT 4720 PSI. NOTE-- HAD TO SHUT DOWN FOR CHEMICALS. CL-31 NOT GOING. STAGE 100# MESH .75 PPA. PAD 69.2 BPM AT 4698 PSI. ON PERF 69.5 BPM AT 4571 PSI STAGE TO 2 PPA 20/40 WHITE. 69.6 BPM AT 4412 PSI. ON PERFS 69.5 BPM AT 3985 PSI. STAGE TO 3 PPA 20/40 WHITE. 69.5 BPM AT 3913 PSI. ON PERFS 69.5 BPM AT 3739 PSI. STAGE TO 4 PPA 20/40 WHITE. 69.5 BPM AT 3594 PSI. ON PERFS 69.6 BPM AT 3569 PSI. STAGE TO 5 PPA 20/40 WHITE. 69.6 BPM AT 3521 PSI. ON PERFS 69.5 BPM AT 3421 PSI. FLUSH 69.5 BPM AT 3889 PSI. WSI WITH 2600 PSI. TURN OVER TO WIRELINE.</p> <div style="display: flex; justify-content: space-between;"> <div> ISDP 2619 MAX RATE 70.0 BPM AVE RATE 68.1 BPM PMP 8400 lbs 100# MESH lbs PROP) SLK WTR 68,586 GAL 128,147 GAL) 250 LBS SCALE SORB 3 </div> <div> FG .79 MAX PRES 4971 PSI AVE PRES 3886 PSI 150,390 lbs 20/40 WHITE. (TOTAL 158,790 20# HYBOR G (16) 55,661 GAL (TOTAL FLUID BWTR 3051 BBLS </div> </div>
17:30	1.50	19:00	PFRT	Perforating	<p>PERF STG #6- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 6 INTO LUB AND EQUALIZE 2500 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7180+'-7202+'. RUN DOWN AND SET CBP AT 7370' WITH 2300 PSI. PULL UP AND PERF TGR-3 AND PELICAN BENCH FORM 7045'-7350' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL WITH 1500 PSI.</p>
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 1-36-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047521640000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/14/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well had first Oil Sales on 3/14/13.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 21, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/19/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 1-36-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047521640000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/27/2013	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER
	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well had first gas sales on 3/27/13.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 28, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/28/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 1-36-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047521640000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/1/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the March 2013 Drilling Activity for this well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 April 05, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/5/2013	

**FD State 1-36-6-19 3/1/2013 06:00 - 3/2/2013 06:00**

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	RUTB	Run Tubing	SICP- 900. RIH F/ TOP OF PERFS W/ 4-3/4 BIT, TAG SAND @ 7895. R/U SWIVE.
08:00	5.50	13:30	DOPG	Drill Out Plugs	BREAK CIRC. C/O SAND & D/O CBP @ 7929'. FCP- 700 ON 24/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 8217', C/O SAND & D/O CBP @ 8257'. FCP- 600 ON 24/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 8592', C/O SAND & D/O CBP @ 8622'. FCP- 600 ON 24/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 9100'. C/O TO 9456' PBTD. CIRC WELL CLEAN. R/D SWIVEL.
13:30	1.50	15:00	PULT	Pull Tubing	POOH TO 7011' L/D 2-7/8 TBG & LAND TBG. TOTAL JTS IN HOLE 220.
15:00	1.50	16:30	IWHD	Install Wellhead	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. TURN WELL OVER TO FLOW BACK.
16:30	2.00	18:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. ROAD RIG TO RU 18-41. SDFN.
18:30	11.50	06:00	CTRL	Crew Travel	CREW TRAVEL.

FD State 1-36-6-19 3/7/2013 06:00 - 3/8/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL HOLD SAFETY MEETING.
07:00	1.00	08:00	RMOV	Rig Move	ROAD RIG TO LOCATION. SLIDE UNIT BACK.
08:00	2.50	10:30	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT. N/D WELLHEAD. N/U BOP. KILL CSG.
10:30	1.00	11:30	PULT	Pull Tubing	POOH W/ 62 JTS. HAVING PROBLEMS W/ CLUTCH FAN.
11:30	1.50	13:00	DTIM	Downtime	REPLACE CLUTCH FAN.
13:00	1.00	14:00	PULT	Pull Tubing	FINISH POOH. 220 JTS 2-7/8 TOTAL.
14:00	5.00	19:00	RUTB	Run Tubing	RIH W/ 5-1/2, 1/4 TURN TAC. P/U 71 JTS OFF TRAILER. N/D BOP. SET TAC @ 9076'. S/N @ 9140'. EOT @ 9291'. R/U WELLHEAD & ROD EQUIPMENT. SDFN. 285 JTS 2-7/8 TBG. TAC 1/4 TURN. 20K TENSION 2 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 4 JTS 2-7/8 TBG. BULL PLUG.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD State 1-36-6-19 3/8/2013 00:00 - 3/9/2013 06:00

API/UWI 43-047-52164	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,550.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
01:00	2.00	03:00	GOP	General Operations	R/U D&M. FLUSH TBG. PREP RODS.
03:00	5.00	08:00	RURP	Run Rods & Pump	P/U INSERT PUMP & PRIME. RIH W/ ROD PUMP. SPACE OUT & SEAT PUMP. FILL TBG & TEST TBG TO 800 PSI, HELD. HANG OFF RODS. 40' POLISH ROD. PONY. 2', 4', 8'. 125- 1" RODS. WG 113- 7/8" RODS. WG 91- 3/4" RODS. SLICK 32- 1" RODS. WG SHEAR SUB. RHBC-2.5-1.75-36'.
08:00	2.00	10:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. SLIDE IN ROTO-FLEX. PUT WELL ON PRODUCTION. MOL. SDFN.
10:00	14.00	00:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: FEE			
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: Bill Barrett Corporation						7. UNIT or CA AGREEMENT NAME			
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202						PHONE NUMBER: (303) 293-9100		8. WELL NAME and NUMBER: FD 1-36-6-19	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 725 FNL 690 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 735 FNL 697 FEL AT TOTAL DEPTH: 752 FNL 701 FEL						9. API NUMBER: 4304752164			
10. FIELD AND POOL, OR WILDCAT Wildcat						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: nene 36 6s 19e S			
12. COUNTY Uintah						13. STATE UTAH			
14. DATE SPUDDED: 1/16/2013		15. DATE T.D. REACHED: 2/7/2013		16. DATE COMPLETED: 3/3/2013		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): GR 5037	
18. TOTAL DEPTH: MD 9,550 TVD 9,549		19. PLUG BACK T.D.: MD 9,457 TVD 9,456		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL/GR/TEMP/CCL						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Cor	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	2,520	2,509	HCL 500	338	0	
						Prem III 240	57		
8 3/4	5 1/2 P110	17#	0	9,550	9,539	tuned 875	362	1136	
						Econ 650	165		
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	9,292								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) GREEN RIVER	7,045	8,747			7,045 8,747	.38	234	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) WASATCH	8,792	8,949			8,792 8,949	.38	27	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
7045' to 8747'		Green River: See Attached (Stage 1-6)							
8792' to 8949'		Wasatch: See Attached (Stage 1)							
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:	
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION				<input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS				<input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	
				<input checked="" type="checkbox"/> DIRECTIONAL SURVEY				POW	

(5/2000)

(CONTINUED ON BACK)

RECEIVED

APR 04 2013

DIV OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/27/2012	TEST DATE: 3/15/2013	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 213	GAS – MCF: 26	WATER – BBL: 45	PROD. METHOD: Flowing
CHOKE SIZE: 30/64	TBG. PRESS. 300	CSG. PRESS. 100	API GRAVITY 52.00	BTU – GAS 1	GAS/OIL RATIO 122	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	4,583
				Mahogany	6,047
				Douglas Creek	7,383
				Black Shale	7,935
				Castle Peak	8,023
				Wasatch	8,750
				TD	9,550

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 3/27/13; First oil sales 3/14/2013

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Brady Riley TITLE Permit Analyst
 SIGNATURE  DATE 4/3/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

FD 1-36-6-19 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBLs Slurry</u>	<u>gals 100 Mesh Sand</u>	<u>Gals 15 % HCL</u>	<u>lbs 20/40 White</u>
1	3249	8240	3893	149320
2	2829	8320	3922	150180
3	3129	8400	3904	150950
4	2906	7750	3991	140100
5	3317	8400	3904	150390
6	3002	8810	3951	149680

*Depth intervals for frac information same as perforation record intervals.

Bill Barrett Corp

Uintah County, UT (NAD 1927)

Sec. 36-T6S-R19E

FD 1-36-6-19

Plan A

Design: Sperry Final Survey

Sperry Drilling Services Standard Report

26 February, 2013

Well Coordinates: 706,649.94 N, 2,495,710.72 E (40° 15' 35.76" N, 109° 43' 25.25" W)

Ground Level: 5,034.00 ft

Local Coordinate Origin:

Centered on Well FD 1-36-6-19

Viewing Datum:

RKB 24" @ 5058.00ft (H&P 319)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

HALLIBURTON

SPERRY-SUN DRILLING SERVICES

CERTIFIED SURVEY WORK SHEET

OPERATOR:	Bill Barrett Corp.
WELL:	FD 1-36-6-19
FIELD:	Fort Duchesne
RIG:	H&P 319
LEGALS:	Sec. 36-T6S-R19E
COUNTY:	Uinta
STATE:	Utah
CAL. METHOD:	Min. Curv.
MAG. DECL. APPLIED:	11.03°
VERTICAL SEC. DIR. :	Closure

SSDS Job Number :	900060462
Start Date of Job :	1/29/2013
End Date of Job :	2/7/2013
Lead Directional Driller:	Steve Krueger
	John Masterson
Other SSDS DD's :	
SSDS MWD Engineers :	Alex Lamborn
	Pascal Poupart

Geo Pilot Engineer :

Surface Casing
Intermediate Casing

KOP Depth/Sidetrack MD
MWD Tie-on

First MWD Survey Depth
Last MWD Survey Depth
Bit Extrapolation @ TD

Main Hole =====>	1st Side Track =====>	2nd Side Track =====>	3rd Side Track =====>	4th Side Track =====>
2509'		Tie On		Tie On
SS		MWD		
SS				
93'	KOP	KOP-ST1	KOP-ST2	KOP-ST3
164'	MWD	MWD	MWD	MWD
9494'	MWD	MWD	MWD	MWD
9550'	T.D.	T.D.	T.D.	T.D.

The following Sperry Drilling Services personnel, certify the above survey information to be accurate to the best of our knowledge:

Print Name : Steve Krueger

Print Name : John Masterson

Print Name :

Sign Name :

Sign Name :

Sign Name :

Print Name : Alex Lamborn

Print Name : Pascal Poupart

Print Name :

Sign Name :

Sign Name :

Sign Name :

Examples of
Survey Types:

TieOn
MWD
ESS
Gyro
SS

Tie On to Surface Casing (Assumed Vertical), Tie On to existing MWD Survey (prior drilled hole)
Sperry-Sun Drilling Services (SSDS) Measurement While Drilling (MWD) Survey's
Sperry-Sun Drilling Services (SSDS) Electronic Survey System (ESS) Survey's
Gyro Survey's ; Provided by third party vendor, or by Sperry-Sun Drilling Services (SSDS)
Single Shot (SS) Survey's ; Provided by Sperry-Sun Drilling Services (SSDS) or third party vendor.

Design Report for FD 1-36-6-19 - Sperry Final Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
164.00	0.40	105.520	164.00	-0.15	0.55	0.31	0.24
First Sperry MWD Survey @ 164.00' MD							
257.00	0.21	78.060	257.00	-0.20	1.03	0.49	0.25
341.00	0.48	101.900	341.00	-0.25	1.53	0.67	0.36
433.00	0.46	85.730	432.99	-0.30	2.27	0.94	0.15
524.00	0.29	12.920	523.99	-0.05	2.69	0.82	0.51
616.00	0.26	34.240	615.99	0.35	2.86	0.48	0.12
710.00	0.26	120.200	709.99	0.42	3.16	0.50	0.38
804.00	0.11	40.040	803.99	0.38	3.40	0.61	0.28
899.00	0.18	311.380	898.99	0.55	3.35	0.43	0.22
993.00	0.29	220.270	992.99	0.47	3.09	0.44	0.37
1,087.00	0.43	266.090	1,086.99	0.26	2.58	0.49	0.33
1,182.00	0.27	224.500	1,181.98	0.08	2.07	0.52	0.31
1,276.00	0.34	218.460	1,275.98	-0.30	1.74	0.78	0.08
1,370.00	0.55	209.900	1,369.98	-0.91	1.34	1.25	0.23
1,464.00	0.31	212.830	1,463.98	-1.51	0.98	1.73	0.26
1,558.00	0.24	196.790	1,557.98	-1.91	0.78	2.06	0.11
1,653.00	0.45	211.610	1,652.98	-2.42	0.53	2.47	0.24
1,747.00	0.39	268.120	1,746.97	-2.75	0.02	2.64	0.43
1,841.00	0.18	229.440	1,840.97	-2.85	-0.42	2.61	0.29
1,935.00	0.20	285.740	1,934.97	-2.90	-0.69	2.58	0.19
2,030.00	0.34	237.350	2,029.97	-3.01	-1.08	2.57	0.27
2,124.00	0.21	245.860	2,123.97	-3.23	-1.47	2.67	0.14
2,218.00	0.26	235.600	2,217.97	-3.42	-1.81	2.76	0.07
2,312.00	0.55	213.120	2,311.97	-3.92	-2.23	3.11	0.35
2,406.00	0.18	311.200	2,405.96	-4.20	-2.59	3.28	0.64
2,445.00	0.21	346.800	2,444.96	-4.09	-2.65	3.16	0.31
2,596.00	0.08	250.180	2,595.96	-3.86	-2.81	2.89	0.15
2,690.00	0.21	203.210	2,689.96	-4.04	-2.94	3.02	0.18
2,784.00	0.20	250.740	2,783.96	-4.25	-3.16	3.16	0.18
2,879.00	0.17	209.200	2,878.96	-4.43	-3.39	3.27	0.14
2,973.00	0.45	189.000	2,972.96	-4.92	-3.52	3.70	0.32
3,067.00	0.23	56.260	3,066.96	-5.18	-3.42	3.97	0.67
3,161.00	0.27	79.380	3,160.96	-5.03	-3.04	3.94	0.11
3,255.00	0.35	99.740	3,254.96	-5.04	-2.54	4.09	0.14
3,350.00	0.44	122.190	3,349.96	-5.28	-1.95	4.50	0.19
3,444.00	0.99	45.180	3,443.95	-4.90	-1.07	4.39	1.05
3,538.00	1.01	66.680	3,537.94	-4.00	0.27	3.91	0.40
3,632.00	0.78	25.750	3,631.93	-3.10	1.31	3.34	0.70
3,727.00	0.50	30.520	3,726.92	-2.16	1.80	2.58	0.30
3,821.00	1.02	345.830	3,820.91	-0.99	1.81	1.47	0.80
3,915.00	0.65	350.670	3,914.90	0.35	1.51	0.10	0.40
4,009.00	0.52	347.960	4,008.90	1.29	1.34	-0.85	0.14
4,104.00	0.37	352.780	4,103.89	2.01	1.21	-1.58	0.16
4,198.00	0.13	66.090	4,197.89	2.36	1.27	-1.89	0.38
4,292.00	0.18	90.790	4,291.89	2.40	1.51	-1.86	0.09
4,386.00	0.13	126.670	4,385.89	2.33	1.75	-1.73	0.11
4,481.00	0.20	149.090	4,480.89	2.13	1.92	-1.49	0.10
4,575.00	0.68	184.660	4,574.89	1.43	1.96	-0.81	0.56

Design Report for FD 1-36-6-19 - Sperry Final Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,670.00	0.67	158.480	4,669.88	0.35	2.12	0.27	0.32
4,764.00	0.75	158.370	4,763.88	-0.73	2.54	1.43	0.09
4,858.00	0.64	220.370	4,857.87	-1.70	2.43	2.33	0.77
4,953.00	0.27	237.310	4,952.87	-2.23	1.90	2.68	0.41
5,047.00	0.48	194.110	5,046.86	-2.73	1.62	3.08	0.36
5,142.00	0.24	82.470	5,141.86	-3.09	1.72	3.45	0.64
5,236.00	0.69	94.770	5,235.86	-3.11	2.48	3.69	0.49
5,330.00	0.70	72.350	5,329.85	-2.98	3.59	3.89	0.29
5,425.00	0.62	45.280	5,424.85	-2.45	4.51	3.64	0.34
5,519.00	0.23	24.430	5,518.84	-1.92	4.95	3.26	0.44
5,613.00	0.76	178.230	5,612.84	-2.37	5.04	3.72	1.03
5,708.00	0.57	131.000	5,707.84	-3.31	5.42	4.73	0.59
5,802.00	0.38	101.070	5,801.83	-3.67	6.08	5.27	0.33
5,896.00	0.24	180.840	5,895.83	-3.93	6.38	5.60	0.44
5,991.00	0.67	191.370	5,990.83	-4.67	6.27	6.28	0.46
6,085.00	0.24	230.020	6,084.83	-5.34	6.01	6.84	0.54
6,179.00	0.38	195.470	6,178.82	-5.77	5.77	7.18	0.24
6,273.00	0.59	193.260	6,272.82	-6.54	5.58	7.87	0.22
6,367.00	0.65	229.270	6,366.82	-7.36	5.07	8.50	0.41
6,462.00	0.24	274.400	6,461.81	-7.69	4.46	8.65	0.54
6,556.00	0.24	35.500	6,555.81	-7.52	4.38	8.46	0.44
6,650.00	0.24	66.140	6,649.81	-7.28	4.67	8.31	0.13
6,744.00	0.26	105.130	6,743.81	-7.25	5.06	8.40	0.18
6,839.00	0.57	147.310	6,838.81	-7.71	5.52	8.97	0.44
6,933.00	0.69	144.580	6,932.80	-8.56	6.10	9.96	0.13
7,027.00	0.71	148.870	7,026.80	-9.52	6.73	11.06	0.06
7,122.00	0.74	157.840	7,121.79	-10.59	7.27	12.24	0.12
7,216.00	0.72	170.750	7,215.78	-11.74	7.59	13.43	0.18
7,310.00	0.58	182.820	7,309.77	-12.80	7.66	14.46	0.21
7,404.00	0.54	170.260	7,403.77	-13.71	7.71	15.35	0.14
7,499.00	0.85	178.150	7,498.76	-14.85	7.81	16.47	0.34
7,593.00	0.92	190.470	7,592.75	-16.29	7.70	17.82	0.22
7,688.00	0.55	177.080	7,687.74	-17.50	7.58	18.94	0.43
7,782.00	0.64	168.550	7,781.74	-18.46	7.71	19.90	0.13
7,876.00	0.52	157.220	7,875.73	-19.37	7.98	20.85	0.18
7,970.00	0.69	164.780	7,969.73	-20.31	8.29	21.84	0.20
8,065.00	0.72	163.550	8,064.72	-21.44	8.61	23.01	0.04
8,159.00	0.75	159.350	8,158.71	-22.58	8.99	24.21	0.07
8,253.00	0.68	130.200	8,252.71	-23.51	9.64	25.29	0.39
8,348.00	0.70	132.410	8,347.70	-24.27	10.50	26.26	0.04
8,442.00	0.42	135.640	8,441.70	-24.90	11.16	27.06	0.30
8,537.00	0.50	145.520	8,536.69	-25.49	11.64	27.76	0.12
8,631.00	0.36	147.820	8,630.69	-26.08	12.03	28.44	0.15
8,725.00	0.48	153.800	8,724.69	-26.68	12.36	29.11	0.14
8,819.00	0.58	168.680	8,818.68	-27.50	12.63	29.97	0.18
8,914.00	0.56	191.610	8,913.68	-28.43	12.63	30.86	0.24
9,008.00	0.66	200.530	9,007.67	-29.39	12.35	31.70	0.15
9,102.00	0.69	191.660	9,101.67	-30.45	12.04	32.63	0.12
9,197.00	0.62	191.020	9,196.66	-31.51	11.83	33.58	0.07
9,291.00	0.62	184.240	9,290.66	-32.52	11.69	34.51	0.08
9,386.00	0.84	200.790	9,385.65	-33.68	11.41	35.54	0.32

Design Report for FD 1-36-6-19 - Sperry Final Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
9,480.00	1.35	197.920	9,479.63	-35.38	10.82	37.00	0.55
9,494.00	1.45	196.900	9,493.63	-35.71	10.72	37.28	0.74
Last Sperry MWD Survey @ 9494.00' MD							
9,550.00	1.45	196.900	9,549.61	-37.06	10.31	38.46	0.00
Straight Line Projection to TD @ 9550.00' MD							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
164.00	164.00	-0.15	0.55	First Sperry MWD Survey @ 164.00' MD
9,494.00	9,493.63	-35.71	10.72	Last Sperry MWD Survey @ 9494.00' MD
9,550.00	9,549.61	-37.06	10.31	Straight Line Projection to TD @ 9550.00' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/-S (ft)	+E/-W (ft)	
User	No Target (Freehand)	163.288	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
164.00	9,550.00	Sperry MWD Surveys	MWD

Design Report for FD 1-36-6-19 - Sperry Final Survey

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
FD 1-36-6-19_BHL 1	0.00	0.00	9,538.00	0.00	0.00	706,649.94	2,495,710.72	40° 15' 35.759 N	109° 43' 25.252 W
- actual wellpath misses target center by 38.21ft at 9537.57ft MD (9537.19 TVD, -36.76 N, 10.40 E)									
- Point									
FD State 1H-36-6-19	0.00	0.00	0.00	0.00	0.00	706,649.94	2,495,710.72	40° 15' 35.759 N	109° 43' 25.252 W
- actual wellpath hits target center									
- Polygon									
Point 1				690.00	725.00	707,388.45	2,496,386.14		
Point 2				690.00	-4,563.00	702,101.88	2,496,491.14		
Point 3				-4,590.00	-4,556.00	702,004.04	2,491,212.43		
Point 4				-4,588.00	725.00	707,283.65	2,491,109.57		
Point 5				690.00	725.00	707,388.45	2,496,386.14		
FD 1-36-6-19_460 H	0.00	0.00	0.00	0.00	0.00	706,649.94	2,495,710.72	40° 15' 35.759 N	109° 43' 25.252 W
- actual wellpath hits target center									
- Polygon									
Point 1				230.00	265.00	706,919.44	2,495,935.40		
Point 2				230.00	-4,103.00	702,552.62	2,496,022.13		
Point 3				-4,130.00	-4,103.00	702,466.04	2,491,663.31		
Point 4				-4,128.00	265.00	706,832.90	2,491,578.58		
Point 5				230.00	265.00	706,919.44	2,495,935.40		
FD 1-36-6-19_Zone	0.00	0.00	7,253.00	0.00	0.00	706,649.94	2,495,710.72	40° 15' 35.759 N	109° 43' 25.252 W
- actual wellpath misses target center by 14.38ft at 7253.08ft MD (7252.86 TVD, -12.18 N, 7.65 E)									
- Rectangle (sides W200.00 H200.00 D2,285.00)									
FD 1-36-6-19_SHL	0.00	0.00	0.00	0.00	0.00	706,649.94	2,495,710.72	40° 15' 35.759 N	109° 43' 25.252 W
- actual wellpath hits target center									
- Point									

North Reference Sheet for Sec. 36-T6S-R19E - FD 1-36-6-19 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to RKB 24" @ 5058.00ft (H&P 319). Northing and Easting are relative to FD 1-36-6-19

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99992628

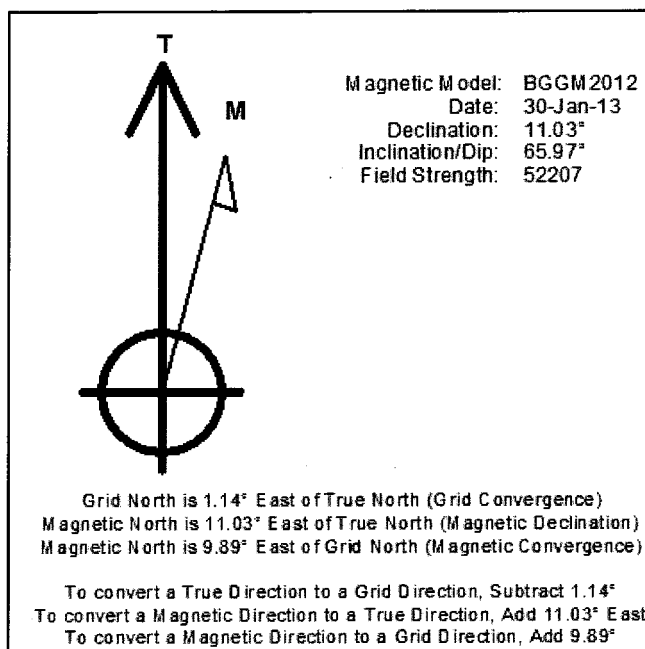
Grid Coordinates of Well: 706,649.94 ft N, 2,495,710.72 ft E

Geographical Coordinates of Well: 40° 15' 35.76" N, 109° 43' 25.25" W

Grid Convergence at Surface is: 1.14°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,550.00ft
 the Bottom Hole Displacement is 38.47ft in the Direction of 164.46° (True).

Magnetic Convergence at surface is: -9.89° (30 January 2013, , BGGM2012)

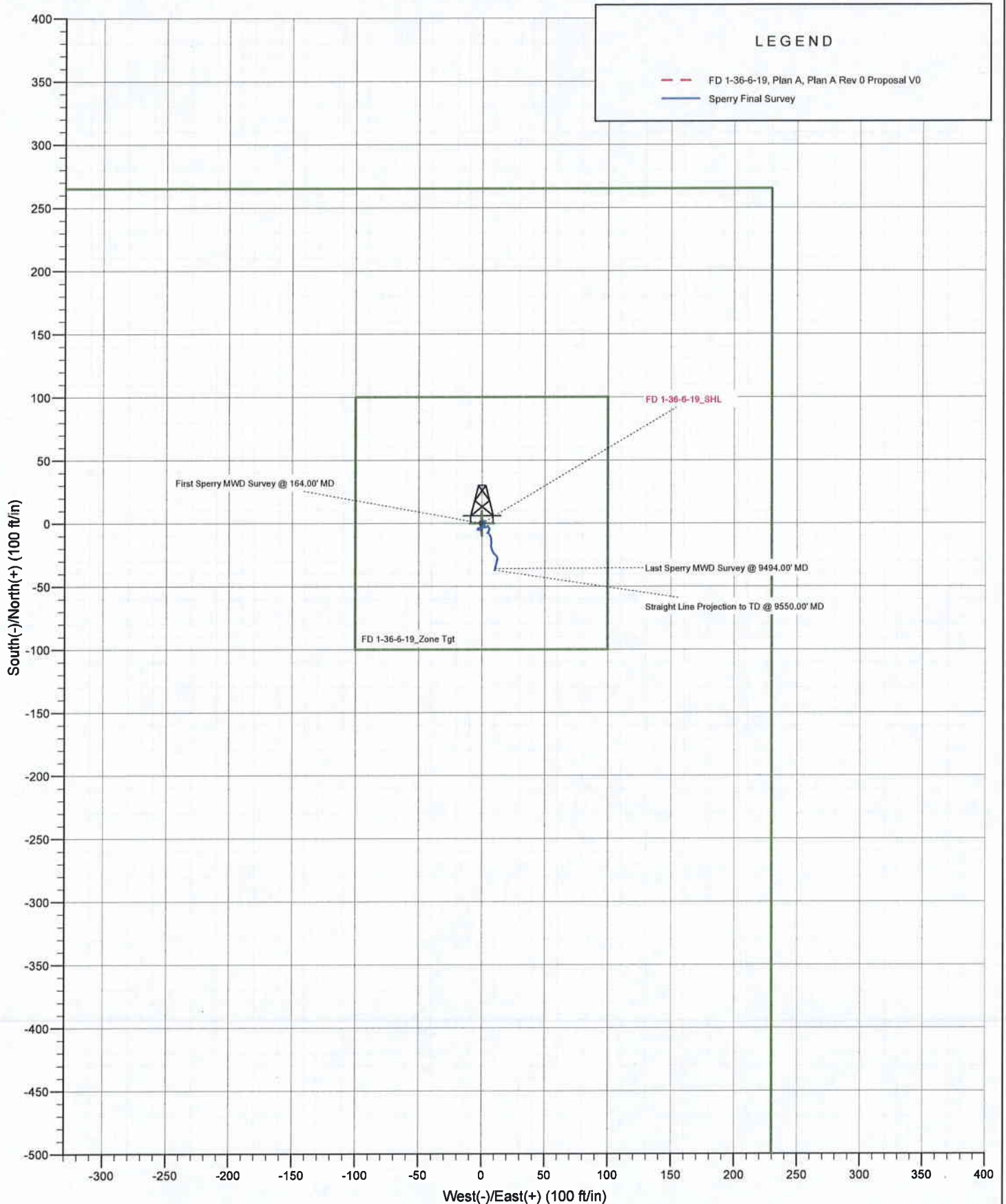


Project: Uintah County, UT (NAD 1927)
Site: Sec. 36-T6S-R19E
Well: FD 1-36-6-19

Bill Barrett Corp

HALLIBURTON

Sperry Drilling



Project: Uintah County, UT (NAD 1927)
Site: Sec. 36-T6S-R19E
Well: FD 1-36-6-19

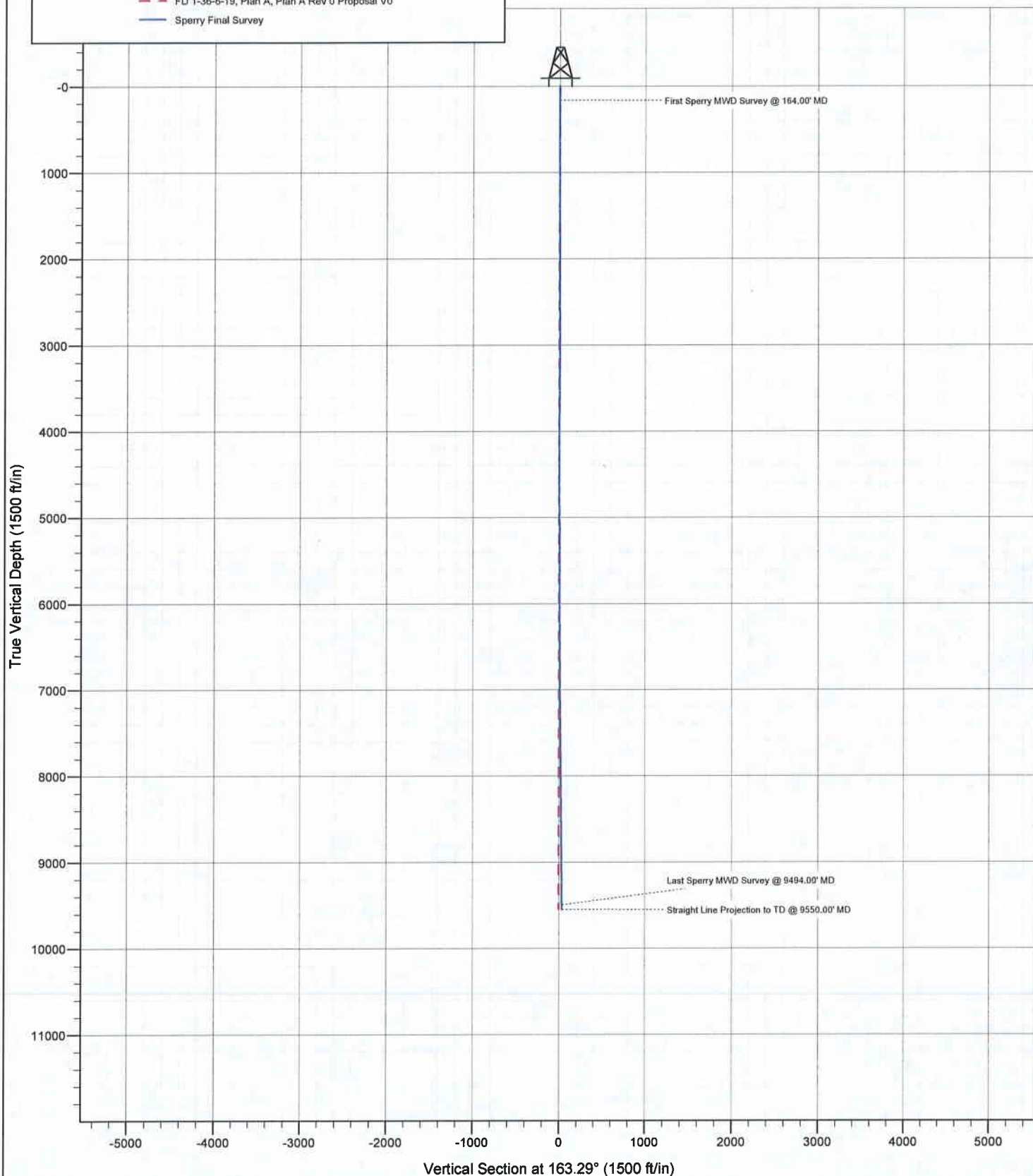
Bill Barrett Corp

HALLIBURTON

Sperry Drilling

LEGEND

- FD 1-36-6-19, Plan A, Plan A Rev 0 Proposal V0
- Sperry Final Survey



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD 1-36-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047521640000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0725 FNL 0690 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="SSD"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/6/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SECURITY PLAN.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 01, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 6/10/2013

Sundry Number: 38883 API Well Number: 43047521640000

BILL BARRETT CORPORATION

State

Fort Duchesne 1-36-6-19

NE¼ NE¼ SEC 36,T6S, R19E,

Lease # ML-50801

API # 43-047-52164

Uintah Co. Utah

Site Security Plan Located at

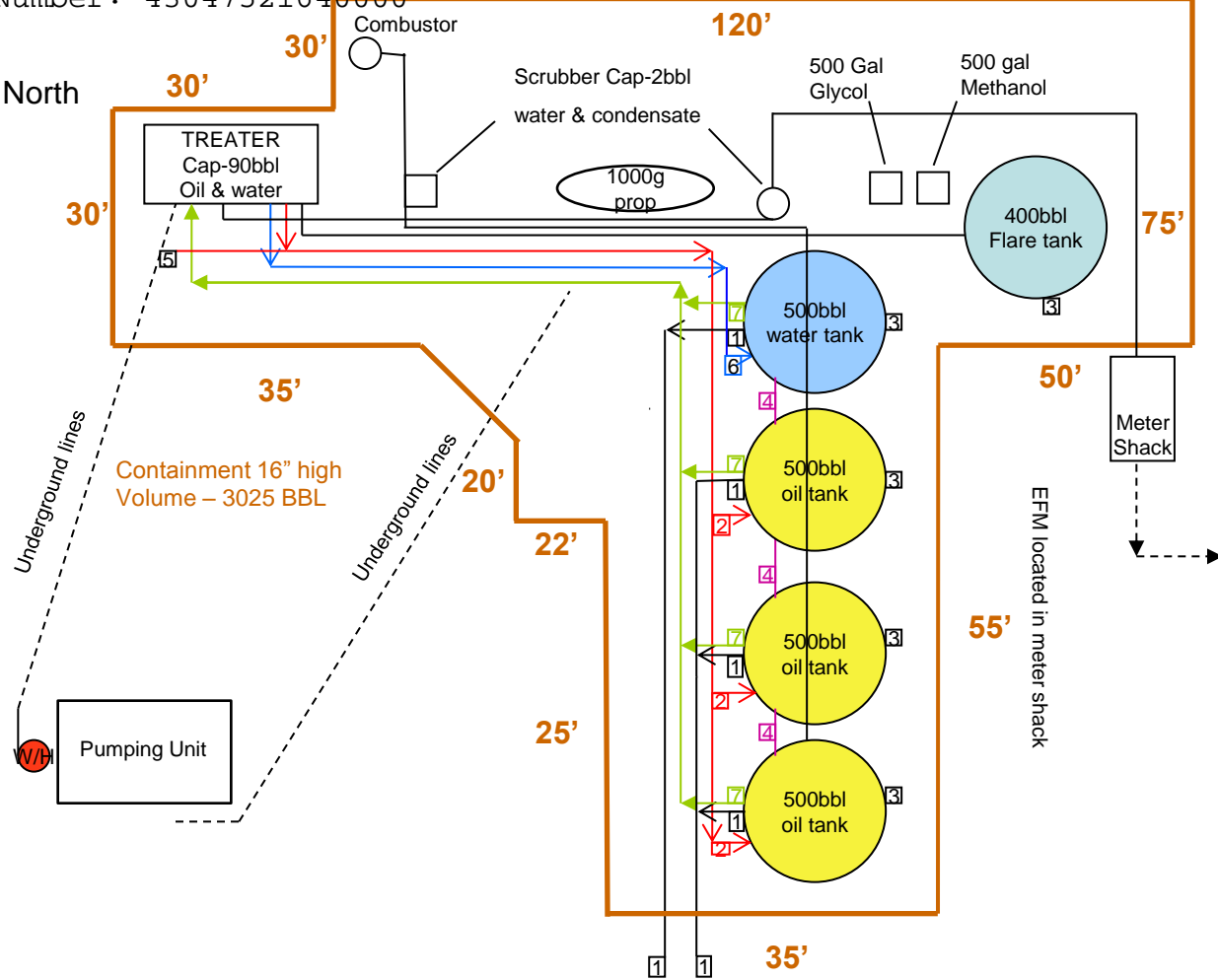
Bill Barrett Corporation

Roosevelt Office

ROUTE 3 BOX 3110

1820 W HIGHWAY 40

ROOSEVELT, UT 84066



Surface Drainage to North and West.

Entrance

1 - 4" LOAD LINE

Production Phase - sealed closed

Sales Phase- open to load Production bought

2 - 3" PRODUCTION IN

Production Phase - open

Sales Phase - sealed close

3 - 4" DRAIN

Production Phase - sealed closed

Sales Phase - sealed closed

Drain water - open

4 - 4" UPPER EQUALIZER

Production Phase - open

Sales Phase - sealed close

5 - BYPASS

6 - 3" WATER LINES

Production Phase - open

No Sales Phase

7- 2" RECYCLE/SKIM

Production - open

Sales - sealed closed

- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank

for emergency pressure relief of treater